

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4458	X83860	H.sapiens mRNA for prostaglandin E receptor (EP3c)	1.2	2137044	unknown protein - rabbit (fragment) cuniculus]	7e-014
4459	M95058	Rattus rattus steroid 5-alpha-reductase 2 mRNA, complete cds.	0.42	<NONE>	<NONE>	<NONE>
4460	AF044588	Homo sapiens protein regulating cytokinesis 1	2e-043	2865521	(AF044588) protein regulating cytokinesis 1; PRC1 [Homo sapiens]	4e-015
4461	X54282	Human chromosome 11 DNA, approx. 20 kb 3' of beta-globin gene, nuclear scaffold associated region	0.014	1911867	cadherin 3 [Caenorhabditis elegans, Peptide, 3337 aa]	9.8
4462	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	3875640	(Z92781) F09C3.3 [Caenorhabditis elegans]	9.6
4463	M73791	Human novel gene mRNA, complete cds.	0	1172810	60S RIBOSOMAL PROTEIN L10 (QM PROTEIN HOMOLOG) >gi 543339 pir JC 2013 ribosomal protein L10, cytosolic - mouse >gi 2143959 pir J C4911 ribosomal protein L10 - rat >gi 407466 (X75312) QM protein [Mus musculus] >gi 410742 (M93980) 24.6 kda protein [Mus musc	7e-085
4464	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4465	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4466	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4467	M96575	Drosophila melanogaster collagen type IV gene, complete cds.	3.60E+00	<NONE>	<NONE>	<NONE>
4468	D50010	Human DNA for alpha-platelet- derived growth factor receptor, exon 15	1e-006	<NONE>	<NONE>	<NONE>
4469	X70649	Homo sapiens DDX1 gene, complete CDS	0	539572	DEAD box protein RB - human	3e-036
4470	AJ223377	Puumala virus S- segment RNA	1.4	<NONE>	<NONE>	<NONE>
4471	Y14599	Staphylococcus xylosus lacR, lacP, lacH genes and 2 ORF's	1.4	3659505	(AC005084) similar to mouse mCASK-A; similar to e1288039	0.63
4472	X13336	Spinach plastid genes rps3, rps19, rpl14, rpl16 and rpl22 for ribosomal proteins S3, S19, L14, L16 and L22	0.15	1330375	(U58758) similar to rat GAP- associated protein p190	0.27
4473	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0	3283072	(AF056022) p60 katanin [Homo sapiens]	7e-029
4474	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4475	M86849	Human connexin 26 (GJB2) mRNA.	0	127542	ALDOSE 1- EPIMERASE PRECURSOR calcoaceticus]	5.2
4476	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4477	X95455	G.gallus mRNA for RING zinc finger	9e-031	1321818	(X95455) RING zinc finger protein protein [Gallus	9e-038



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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					gallus]	
4478	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.13	<NONE>	<NONE>	<NONE>
4479	J03607	Human 40-kDa keratin intermediate filament precursor gene.	0	1070608	keratin 19, type I, cytoskeletal - human sapiens]	9e-068
4480	M90104	Human splicing factor SC35 mRNA, complete cds.	e-120	3929382	SPLICING FACTOR, ARGININE/SERINE-RICH 10 (PUTATIVE MYELIN REGULATORY FACTOR 1) (MRF-1) >gi 555924 (U14648) putative myelin regulatory factor 1; MRF-1 [Mus musculus]	1.1
4481	AF020762	Homo sapiens clone 1400 unknown protein mRNA, partial cds	6e-067	<NONE>	<NONE>	<NONE>
4482	AE001386	Plasmodium falciparum chromosome 2, section 23 of 73 of the complete sequence	0.72	<NONE>	<NONE>	<NONE>
4483	AF054868	Pseudomonas aeruginosa autoinducer synthetase chloramphenicol-sensitive protein (rarD), and hypothetical protein (yafL) gene...	0.005	1709793	SALIVARY PROLINE-RICH PROTEIN PO sapiens]	0.13
4484	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4485	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4486	AE001406	Plasmodium falciparum chromosome 2, section 43 of 73 of the complete sequence	0.001	<NONE>	<NONE>	<NONE>
4487	AE001417	Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence	2.1	<NONE>	<NONE>	<NONE>
4488	X90446	Canine herpesvirus DNA for ORF 1 (HSV1 UL44, EHV1 ORF 15 homolog) ORF2 (EHV1 ORF 16 homolog)	4.4	<NONE>	<NONE>	<NONE>
4489	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.17	4008355	(Z68297) Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from this gene; cDNA EST EMBL:D35150 comes from this gene; cDNA EST EMBL:D35400 comes from this gene; cDNA EST EMBL:D34900 comes ... >gi 4008373 gnl PI D e135984	3e-007
4490	D78130	Homo sapiens mRNA for squalene epoxidase, complete cds	0	2443316	(D78130) squalene epoxidase [Homo sapiens]	5e-008
4491	L18931	Buchnera aphidicola Arginyl tRNA synthetase	0.16	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		promoter region.				
4492	X17206	Human mRNA for LLRep3	e-112	1350976	40S RIBOSOMAL PROTEIN S2 >gi 939718	2e-005
4493	D28473	Human T- lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds	e-157	440799	(U04953) isoleucyl-tRNA synthetase [Homo sapiens]	3e-005
4494	L13624	Cercopithecus aethiops C4 complement	3.6	<NONE>	<NONE>	<NONE>
4495	M13011	Rat c-ras-H-1 gene, complete cds.	0.25	<NONE>	<NONE>	<NONE>
4496	Y10252	L.japonicus panC gene	0.38	627071	histidine-rich protein - Plasmodium lophurae	4.4
4497	X76683	Plasmid vector pHM2 betalactamase gene	1e-093	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4498	M24486	Human prolyl 4- hydroxylase alpha subunit mRNA, complete cds, clone PA-11.	0	129365	PROLYL 4- HYDROXYLASE ALPHA SUBUNIT 1.14.11.2) alpha chain - chicken	2e-057
4499	D80004	Human mRNA for KIAA0182 gene, partial cds	2e-068	<NONE>	<NONE>	<NONE>
4500	U22233	Human methylthioadenos ine phosphorylase (MTAP) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4501	D63875	Human mRNA for KIAA0155 gene, complete cds > :: gb G28541 G285 41 human STS SHGC-31621.	0	961442	(D63875) KIAA0155 gene product is related to C.elegans B0464.2 protein. [Homo sapiens]	2e-019

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4502	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4503	X85018	H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylglactosaminyltransferase (T1)	e-110	1709559	POLYPEPTIDE N-ACETYLGLAC TOSAMINYLTRANSFERASE (PROTEIN-UDP ACETYLGLAC TOSAMINYLTRANSFERASE) N-ACETYLGLAC TOSAMINYLTRANSFERASE (GALNAC-T1) polypeptide N-acetylglactosaminyltransferase [Rattus norvegicus]	2e-018
4504	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4505	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4506	AF067782	Papio hamadryas BC200 alpha scRNA gene, complete sequence	0.48	<NONE>	<NONE>	<NONE>
4507	AF073298	Homo sapiens 4F5rel mRNA, complete cds	e-166	3641536	(AF073297) 4F5rel [Mus musculus] >gi 3641538 (AF073298) 4F5rel [Homo sapiens]	3e-013
4508	M12922	Yeast (S.cerevisiae) chromosome III L terminal region DNA.	2e-010	188864	(M74027) mucin [Homo sapiens]	6e-023
4509	X69524	M.squamata cabcl mRNA for chlorophyll a/b/c binding protein precursor	1.3	<NONE>	<NONE>	<NONE>
4510	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	1.2	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4512	U12404	Human Csa-19 mRNA, complete cds.	0	1709973	60S RIBOSOMAL PROTEIN L10A (CSA-19)	4e-056
4513	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-014	<NONE>	<NONE>	<NONE>
4514	<NONE>	<NONE>	<NONE>	121627	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN 1 PRECURSOR >gi 82244 pir  A26099 glycine-rich cell wall structural protein - garden petunia >gi 20553 hybrida  >gi 225181 prf  1210313A Gly rich structural protein [Petunia sp.]	2e-030
4515	D87255	Hepatitis G virus RNA for polyprotein, complete cds	0.19	930045	(X15332) alpha-1 (III) collagen [Homo sapiens]	0.002
4516	U31820	Gallus gallus Mel-1a melatonin receptor mRNA, complete cds.	3.3	1718187	ENVELOPE GLYCOPROTEIN GP340 glycoprotein 350/220 - human herpesvirus 4 >gi 59164 virus  >gi 306293 L07923  glycoprotein 340	0.096
4517	X68107	M.sativa msCHSII mRNA for chalcone synthase	3.4	<NONE>	<NONE>	<NONE>
4518	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4519	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	6e-006	1065484	(U40415) similar to S. cerevisiae LAG1 (SP:P38703)	0.001

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4520	D87671	Rat mRNA for TIP120, complete cds	1e-043	1799570	(D87671) TIP120 [Rattus norvegicus]	0.01
4521	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4522	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4523	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	4e-022	1085204	translation elongation factor eEF-1 alpha chain - zebra fish >gi 408805 (L23807) elongation factor 1-alpha [Danio rerio] >gi 454915 (X77689) translational elongation factor-1 alpha [Danio rerio] >gi 1009241 rerio] >gi 1091578 prf 2021264A elongation fact	5.1
4524	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4525	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4526	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4527	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001
4528	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001

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4529	U66532	Human beta4-integrin (ITGB4) gene, exons 7,8,9,10,11 and 12	0.51	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	1e-023
4530	X65319	Cloning vector pCAT-Enhancer	1e-074	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-011
4531	AJ010841	Homo sapiens mRNA for putative thioredoxin-like protein	8e-028	3646128	(AJ010841) thioredoxin-like protein	0.062
4532	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	0.005	<NONE>	<NONE>	<NONE>
4533	M12670	Human fibroblast collagenase inhibitor mRNA, complete cds.	6e-098	1351250	METALLOPROTEINASE INHIBITOR 1 PRECURSOR (TIMP-1) >gi 1363927 pir  J C4303 matrix metalloproteinase-1 tissue inhibitor - baboon >gi 561546 hamadryas cynocephalus]	7e-008
4534	M17196	A.californica (marine gastropod mollusc) neuropeptide gene (ganglion R14), exon 1, 5' end.	0.019	2135765	mucin 2 precursor, intestinal - human	0.003
4535	AJ001454	Homo sapiens mRNA for testican-3	1.4	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4536	X75757	G.gallus cycB3 mRNA.	9e-040	729112	G2/MITOTIC-SPECIFIC CYCLIN B3	9e-019
4537	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4538	AF083322	Homo sapiens centriole associated protein CEP110 mRNA, complete cds	9e-051	1079393	chromokinesin - chicken >gil603761 (U18309) chromokinesin [Gallus gallus]	0.012
4539	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4540	M26325	Human cytokeratin 18 mRNA, 3' end.	0	125083	KERATIN, TYPE I CYTOSKELETAL 18 keratin 18, type I, cytoskeletal - human >gil34037	2e-093
4541	U37066	Human endogenous retrovirus strain XA38 pol polyprotein (pol) gene, partial cds	1.3	252486	P-selectin, CD62 [mice, Peptide, 768 aa] musculus]	1.8
4542	Z30543	Turkey herpesvirus (HVT-delUs-Beta1 PKI3) gene for protein kinase	2e-027	<NONE>	<NONE>	<NONE>
4543	M90077	Wheat translation elongation factor 1 alpha-subunit (TEF1) mRNA, complete cds.	0.14	<NONE>	<NONE>	<NONE>
4544	AJ001235	Papio hamadryas ERV-9 like LTR insertion	2e-044	<NONE>	<NONE>	<NONE>
4545	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4546	AF100654	Caenorhabditis elegans cosmid C24E9	0.41	<NONE>	<NONE>	<NONE>
4547	L28821	Homo sapiens alpha mannosidase II isozyme mRNA, complete cds.	0	1679607	(X97650) myosin-I [Mus musculus]	4.5



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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4548	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	<NONE>	<NONE>	<NONE>
4549	L20140	Zea mays pollen specific pectate lyase homologue gene, complete cds.	0.92	<NONE>	<NONE>	<NONE>
4550	U33955	Human Down Syndrome region of chromosome 21, genomic sequence, clone A12H1-1F2.	4.4	<NONE>	<NONE>	<NONE>
4551	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4552	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.042	<NONE>	<NONE>	<NONE>
4553	X12660	Human chromosome 14 Ig JH (switch mu) DNA showing scattered homology to bcl2 gene exon 2 3'UTR	1e-006	2117245	(Z95586) hypothetical protein Rv1592c	2.1
4554	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	284314	modulator recognition factor 1 - human factor 1 [Homo sapiens]	7.1
4555	AF070523	Homo sapiens JWA protein mRNA, complete cds	0	3322740	(AE001222) conserved hypothetical protein [Treponema pallidum]	5.9
4556	Z11900	H.sapiens OTF3 gene	0.13	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4557	M24972	D.discoideum CT-rich satellite rDNA. clone pCT8.	4e-007	2605798	(AF027735) minor ampullate silk protein MiSp1 [Nephila clavipes]	5.30E-01
4558	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-007	<NONE>	<NONE>	<NONE>
4559	D32056	Human gene for 2-oxoglutarate dehydrogenase, exon 1 sequence	0.06	<NONE>	<NONE>	<NONE>
4560	AF034085	Caenorhabditis elegans UNC-45 (unc-45) gene, complete cds	0.025	1652167	(D90903) hypothetical protein	4.8
4561	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2 mRNA, complete cds	0.0003	<NONE>	<NONE>	<NONE>
4562	M31520	Human ribosomal protein S24 mRNA.	1e-031	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4563	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4564	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4565	AB015432	Rattus norvegicus mRNA for LAT1 (L-type amino acid transporter 1), complete cds	4e-022	1665759	(D87432) Similar to Schistosoma mansoni amino acid permease (L25068). [Homo sapiens]	5e-024
4566	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00

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4567	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00
4568	Y15155	Homo sapiens PHKB gene, exon 8, and repetitive elements	4e-033	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4569	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-03	2622750	(AE000921) DNA topoisomerase I [Methanobacterium thermoautotrophicum]	2.6
4570	AE000688	Aquifex aeolicus section 20 of 109 of the complete genome	4.5	<NONE>	<NONE>	<NONE>
4571	Z95123	Caenorhabditis elegans cosmid VZK8221, complete sequence [Caenorhabditis elegans]	0.4	<NONE>	<NONE>	<NONE>
4572	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-08	<NONE>	<NONE>	<NONE>
4573	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.3
4574	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4575	U18671	Human Stat2 gene, complete cds.	2e-023	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.002

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4576	Z83241	Caenorhabditis elegans cosmid T25C8, complete sequence [Caenorhabditis elegans]	1.1	1176988	IOLD PROTEIN protein [Bacillus subtilis] >gi 2636519 gnl PI D e1184698 catabolism [Bacillus subtilis]	5.3
4577	L04690	Cricetulus griseus cholesterol 7-alpha-hydroxylase gene, complete cds. > :: gb I26617 I26617 Sequence 35 from patent US 5558999 > :: gb AR008072 AR 008072 Sequence 35 from patent US 5753431	3.2	212906	(L02621) intestinal zipper protein [Gallus gallus]	4.1
4578	Z54191	A.pleuropneumoniae tfbB gene encoding transferrin receptor.	0.54	2102696	(U72761) karyopherin beta 3 [Homo sapiens]	8.6
4579	X17025	Human homolog of yeast IPP isomerase > :: gb G27043 G27043 human STS SHGC-31614.	2e-035	<NONE>	<NONE>	<NONE>
4580	L32977	Homo sapiens (clone fl7252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0.00E+00	1351361	UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) >gi 488299 (L32977) Rieske Fe-S protein	1e-070
4581	M26708	Human prothymosin alpha mRNA (ProT-alpha), complete cds.	0	190369	(J04798) open reading frame A; putative [Homo sapiens]	6e-018

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4582	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	2314130	(AE000607) H. pylori predicted coding region HP0985	3.3
4583	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	1236083	(U49507) Lisch7 [Mus musculus]	4.3
4584	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	348196	(L19917) immunoglobulin heavy-chain subgroup VIII V- D-J region [Homo sapiens]	9.7
4585	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4586	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4587	X52601	H.sapiens hTOP1 gene for topoisomerase, 5'end	4.6	<NONE>	<NONE>	<NONE>
4588	AF038604	Caenorhabditis elegans cosmid B0546	0.17	<NONE>	<NONE>	<NONE>
4589	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4590	U23441	Tetrahymena thermophila B internal deletion sequence.	0.0005	1469281	(U08801) envelope glycoprotein [Human immunodeficiency virus type 1]	1.1
4591	AC005276	Homo sapiens clone fragment UWGC:gap3 from 7q31.3, complete sequence [Homo sapiens]	0.009	<NONE>	<NONE>	<NONE>
4592	D84117	Homo sapiens DNA for prostacyclin synthase, exon 3	0.48	<NONE>	<NONE>	<NONE>
4593	U28153	Caenorhabditis elegans UNC-76 (unc-76) gene, complete cds.	1.30E-01	<NONE>	<NONE>	<NONE>

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	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4594	U67274	Human metastasis suppressor (KAI1) gene, exon 1, and complete cds	1e-008	<NONE>	<NONE>	<NONE>
4595	AF009621	Onchocerca volvulus cytosolic Cu/Zn superoxide dismutase (OvSOD1) and extracellular Cu/Zn superoxide dismutase (OvSOD2) genes, complete cds	4	<NONE>	<NONE>	<NONE>
4596	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4597	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.78
4598	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4599	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4600	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	4e-029	728836	!!!! ALU SUBFAMILY SP WARNING ENTRY	0.002
4601	AL022222	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-118, complete sequence	4.9	<NONE>	<NONE>	<NONE>
4602	Z73149	N.tabacum DNA (recombination breakpoint between T-DNA and plant DNA)	1.6	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4603	AF082835	Mus spretus E6-AP ubiquitin-protein ligase	4	<NONE>	<NONE>	<NONE>
4604	AF050123	Homo sapiens hypoxia-inducible factor 1 alpha subunit (HIF1A) gene, exon 10	3e-009	728838	!!!! ALU SUBFAMILY SX WARNING ENTRY	6.7
4605	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4606	AF001355	Pseudomonas syringae pv. syringae DNA binding protein HpkR (hpkR), histidine protein kinase HpkY (hpkY), phosphate acceptor regulatory protein CheY-2 (cheY-2), ankyrin AnkF (ankF), and catalase isozyme catalytic subuni...	2.1	3041736	TRANSCRIPTION FACTOR SOX-11	8.9
4607	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8.00E-08	3123155	HYPOTHETICAL 49.0 KD TRP-ASP REPEATS CONTAINING PROTEIN F55F8.5 IN CHROMOSOME I family [Caenorhabditis elegans]	2e-027
4608	<NONE>	<NONE>	<NONE>	1170978	MYOCYTE NUCLEAR FACTOR (MNF) musculus]	0.18
4609	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	4e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	8.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4610	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4611	X75861	H.sapiens TEGT gene	e-177	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.8
4612	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta- lactamase, complete cds.	5e-055	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-011
4613	U73332	Human non- coding genomic sequence upstream from unique L0 sequence in the alpha-globin gene cluster	8e-008	<NONE>	<NONE>	<NONE>
4614	<NONE>	<NONE>	<NONE>	193952	(J03770) homeobox protein [Mus musculus]	6
4615	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	586875	HYPOTHETICAL 29.2 KD PROTEIN IN METS-KSGA INTERGENIC REGION >gi 2127033 pir S 66068 hypothetical protein - Bacillus subtilis subtilis] >gi 2632306 gnl PI D e1181972 (Z99104) similar to hypothetical proteins [Bacillus subtilis]	5e-019
4616	K00384	Yeast (S.cerevisiae) mitochondrial var1 gene, 5'	0.001	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		flank.				
4617	J04628	Rattus norvegicus 3-hydroxyiso- butyrate mRNA, 3' end.	e-154	416873	3- HYDROXYISOB UTYRATE DEHYDROGENA SE PRECURSOR (HIBADH) >gi 111295 pir  A3 2867 3- hydroxyisobutyrat e dehydrogenase (EC 1.1.1.31) precursor - rat (fragment) >gi 556389 (J04628) 3- hydroxyisobutyrat e dehydrogenase [Rattus norvegicus]	1e-049
4618	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.38	<NONE>	<NONE>	<NONE>
4619	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4620	D42044	Human mRNA for KIAA0090 gene, partial cds	e-151	577301	(D42044) The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III. [Homo sapiens]	4e-052
4621	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4622	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4623	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4624	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4625	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4626	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4627	X06747	Human hnRNP core protein A1	7e-049	87650	heterogeneous ribonuclear particle protein A1, beta - human >gi 36102 (X06747) protein A1-alpha (AA 1-320) [Homo sapiens]	6e-005
4628	X03559	Human mRNA for F1-ATPase beta subunit (F-1 beta) >:: dbj D00022 HUM F1B Homo sapiens mRNA for F1 beta subunit, complete cds	e-100	114549	ATP SYNTHASE BETA CHAIN, MITOCHONDRIAL PRECURSOR >gi 106207 pir  A33370 H+-transporting ATP synthase (EC 3.6.1.34) beta chain precursor, mitochondrial - human >gi 179281 (M27132) ATP synthase beta subunit precursor [Homo sapiens]	2e-024
4629	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4630	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4631	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4632	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4633	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4634	Z28261	S.cerevisiae chromosome XI reading frame ORF YKR036c	0.042	417748	PROTEIN TRANSPORT PROTEIN SEC13	0.0002
4635	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4636	AF088034	Homo sapiens full length insert cDNA clone ZC24F03	0	854598	(X87611) ORF YJR83.18 [Saccharomyces cerevisiae]	2e-024
4637	M83094	Homo sapiens cytosolic selenium-dependent glutathione peroxidase gene, complete cds, and rhoh12 gene, 3' end.	3.00E-08	<NONE>	<NONE>	<NONE>
4638	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017
4639	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4640	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4641	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4642	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	4056582	(AF039530) RepA [Egyptian sugarcane streak virus]	3.4
4643	U96174	Onchocerca volvulus OvB8 mRNA, partial cds	3.2	<NONE>	<NONE>	<NONE>
4644	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4645	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4646	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4647	AL010224	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-04, complete sequence	0.003	2492906	ANNEXIN VII (SYNEXIN) frog >gi 790544 (U16365) annexin VII [Xenopus laevis]	1.4
4648	L39413	Atractylodes japonica chloroplast NADH dehydrogenase (ndhF) gene, complete cds	0.003	<NONE>	<NONE>	<NONE>
4649	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete	4e-013	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		cds				
4650	U79403	Meleagris gallopavo microsatellite repeat sequence	0.46	2498691	OUTER DENSE FIBER PROTEIN bovine >gi 1165006 (X69514) outer dense fiber protein [Bos taurus]	1.4
4651	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4652	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4653	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4654	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4655	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4656	X07036	Human mRNA stimulatory GTP-binding protein alpha subunit	3e-071	232142	GUANINE NUCLEOTIDE-BINDING PROTEIN G(S), ALPHA SUBUNIT (ADENYLATE CYCLASE-STIMULATING G ALPHA PROTEIN) >gi 71886 pir  RG PGA2 GTP-binding regulatory protein Gs alpha-2 chain (adenylate cyclase-stimulating) - pig >gi 1958 (X63893) alpha-stimulatory subunit	8e-027

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4657	L05586	Kinetoplast Trypanosoma brucei (IsTaR 1 serodeme) putative NADH dehydrogenase subunit (nd9) mRNA, complete cds.	0.0001	4063042	(AF068065) GP900; mucin-like glycoprotein [Cryptosporidium parvum]	0.19
4658	AF044763	Cecropis ariel microsatellite HrU6 allele 1 repeat region	3e-006	<NONE>	<NONE>	<NONE>
4659	X82630	A. longa plastid rps12, orf126 and orf288 genes	0.22	<NONE>	<NONE>	<NONE>
4660	U68098	Human poly(A)- binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4661	U68098	Human poly(A)- binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4662	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	1022683	(U23146) SSeCKS [Rattus norvegicus]	1.4
4663	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4664	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	3e-048	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	2.00E-10
4665	L11707	Hevea brasiliensis Mn- superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4666	D42073	Human mRNA for reticulocalbin, complete cds	3e-019	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4667	L12350	Human thrombospondin 2 (THBS2) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4668	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4669	AC000043	Homo sapiens Chromosome 22q13 Cosmid Clone p74a8, complete sequence [Homo sapiens]	2e-016	134589	TRANSCRIPTION REGULATORY PROTEIN SNF2 SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3) >gi 101629 pir S15047 SNF2 protein - yeast protein [Saccharomyces cerevisiae] >gi 172632 (M61703) SNF2protein [Saccharomyces cerevisiae] cerevisiae] >gi 127	1.5
4670	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	69700	interleukin-1 beta precursor - bovine	0.6
4671	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	2e-045	1848233	(U44975) DNA-binding protein CPBP [Homo sapiens]	0.009

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4672	AF038406	Homo sapiens NADH dehydrogenase-ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds	0	2326168	(U32107) type VII collagen [Mus musculus]	1.5
4673	X67951	H.sapiens mRNA for proliferation-associated gene	0	548453	THIOREDOXIN PEROXIDASE 2 CELL ENHANCING FACTOR A) (NKEF-A) >gi 423025 pir  A46711 proliferation associated gene (pag) protein - human gene product [Homo sapiens]	2e-083
4674	AC001013	Homo sapiens (subclone 2_d1 from P1 H43) DNA sequence	2e-017	2072961	(U93568) putative p150 [Homo sapiens]	0.0001
4675	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	1589837	(U68729) cuticle preprocollagen [Meloidogyne incognita]	0.035
4676	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4677	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir  S03642 histone H2A.Z - bovine >gi 92380 pir  S03644 histone H2A.Z - rat >gi 106267 pir  A35881 histone H2A.Z - human sapiens] >gi 57118 (X52316) histone H2A.Z (AA 1-127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4678	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4679	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4680	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4681	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4682	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4683	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4684	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4685	AJ224875	Homo sapiens mRNA for putative glucosyltransferase, partial cds	0	2996578	(AJ224875) glucosyltransferase [Homo sapiens]	e-118
4686	AB019534	Homo sapiens gene for cathepsin L2, complete cds	2e-045	<NONE>	<NONE>	<NONE>
4687	J03799	Human colin carcinoma laminin-binding protein mRNA, complete cds.	e-166	34272	(X15005) pot. laminin-binding protein (AA 1 - 300) [Homo sapiens]	5e-032
4688	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052
4689	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	9e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	9.8
4690	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4691	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4692	D16195	Mouse gene for acrogranin precursor, complete cds	0.059	<NONE>	<NONE>	<NONE>
4693	U90904	Human clone 23773 mRNA sequence	0	3130153	(AB008857) calcium <sup>2+</sup> sensing receptor	1.5
4694	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1
4695	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4696	J03746	Human glutathione S-transferase mRNA, complete cds.	e-170	121740	GLUTATHIONE S-TRANSFERASE, MICROSOMAL >gi 87562 pir  B28083 glutathione transferase glutathione S-transferase [Homo sapiens] >gi 1195483 sapiens] >gi 1621433 (U71213) microsomal glutathione s-transferase [Homo sapiens]	2e-038
4697	AF082283	Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds	5e-046	4049460	(AJ006288) bcl-10 [Homo sapiens] signaling protein [Homo sapiens]	0.005
4698	D64142	Human mRNA for histone H1x, complete cds	1e-039	<NONE>	<NONE>	<NONE>
4699	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.5
4700	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-061
4701	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6.00E-05	<NONE>	<NONE>	<NONE>
4702	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2501465	PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAM (UBIQUITIN THIOLESTERAS	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					E FAM)	
4703	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	6e-061
4704	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4705	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4
4706	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENA SE I CHAIN L	3.4
4707	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4708	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-008	<NONE>	<NONE>	<NONE>
4709	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.40E+00
4710	L39064	Homo sapiens interleukin 9 receptor precursor (IL9R) gene, complete cds	1e-006	4063042	(AF068065) GP900; mucin-like glycoprotein	1e-006
4711	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.0002	331908	(K02714) envelope polypeptide [Friend murine leukemia virus]	8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4712	AF065249	Entodinium caudatum 14-3-3 protein mRNA, partial cds	1	<NONE>	<NONE>	<NONE>
4713	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.9
4714	<NONE>	<NONE>	<NONE>	186396	(M94131) mucin [Homo sapiens]	2.5
4715	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-009	<NONE>	<NONE>	<NONE>
4716	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4717	Z56314	H.sapiens CpG DNA, clone 10h10, reverse read cpg10h10.rtl a .	4e-012	2444024	(U77782) N-methyl-D-aspartate receptor 2C subunit precursor [Homo sapiens]	9.8
4718	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4719	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	9e-008	<NONE>	<NONE>	<NONE>
4720	D63480	Human mRNA for KIAA0146 gene, partial cds	0	1469874	(D63480) The KIAA0146 gene product is novel. [Homo sapiens]	2e-079
4721	AB001579	Rice dwarf virus genomic RNA, segment 2, complete sequence	1.3	<NONE>	<NONE>	<NONE>
4722	<NONE>	<NONE>	<NONE>	3873550	(AL033534) serine-rich protein	2.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4723	AL010156	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-87, complete sequence	0.77	<NONE>	<NONE>	<NONE>
4724	AF059198	Homo sapiens protein kinase/endoribonulcease	2	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	8e-007
4725	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4727	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4728	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4729	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4730	AF065988	Homo sapiens keratocan gene, complete cds	1.4	<NONE>	<NONE>	<NONE>
4731	X60026	M.domesticus small nuclear 4.5 S RNA gene	0.0003	2853301	(AF007194) mucin [Homo sapiens]	5.5
4732	M13793	Mouse 56 kdal protein mRNA from an interferon activated gene, exon 1, 5' end.	0.3	136814	HYPOTHETICAL PROTEIN UL11 RL11 FAMILY [Human cytomegalovirus]	2.3

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4733	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4734	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4735	<NONE>	<NONE>	<NONE>	322647	glycine-rich protein GRP22 - rape >gi 17821	3e-021
4736	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.002
4737	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4738	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4739	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4740	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>
4741	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4742	X55038	Mouse mCENP-B gene for centromere autoantigen B	0.001	3879362	(Z81113) similar to DnaJ, prokaryotic heat shock protein, Zinc finger, C2H2 type; cDNA EST yk290e12.5 comes from this gene; cDNA EST yk290e12.3 comes from this gene; cDNA EST yk447h4.5 comes from this gene; cDNA EST yk474e4....	7e-007
4743	AF054024	Rattus norvegicus polymorphic marker D9UIA2 sequence	0.62	<NONE>	<NONE>	<NONE>
4744	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4745	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4746	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4747	AF047470	Homo sapiens malate dehydrogenase precursor complete cds	1e-019	2995307	(AL022268) putative aminotransferase	0.12
4748	AF029890	Homo sapiens hepatitis B virus X interacting protein (XIP) mRNA, complete cds	e-161	2745883	(AF029890) hepatitis B virus X interacting protein [Homo sapiens]	2e-044



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4750	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-008	1723019	HYPOTHETICAL 29.6 KD PROTEIN CY251.12C >gi 1405764 gn PI D e249453 (Z74410) hypothetical protein Rv0093c [Mycobacterium tuberculosis]	2.5
4751	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir  S03 642 histone H2A.Z - bovine >gi 92380 pir  S03 644 histone H2A.Z - rat >gi 106267 pir  A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4752	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	<NONE>	<NONE>	<NONE>
4753	X65279	pWE15 cosmid vector DNA	7e-079	987050	(X65335) lacZ gene product [unidentified cloning vector]	1e-013
4754	D38549	Human mRNA for KIAA0068 gene, partial cds	e-169	<NONE>	<NONE>	<NONE>
4755	L27835	Pangasianodon gigas growth hormone (GH) mRNA, complete cds.	1.5	538251	(D00322) polyprotein [Tomato black ring virus]	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4756	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4757	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4758	U47414	Human cyclin G2 mRNA, complete cds	e-116	<NONE>	<NONE>	<NONE>
4759	AB014560	Homo sapiens mRNA for KIAA0660 protein, complete cds	e-173	<NONE>	<NONE>	<NONE>
4760	L35664	Homo sapiens (subclone H8 8_f5 from P1 35 H5 C8) DNA sequence.	1e-030	2072966	(U93570) p40 [Homo sapiens]	0.001
4761	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4762	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4763	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4764	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4765	M59317	Mouse low affinity IgE receptor (FceRII) gene sequence.	1e-006	2135765	mucin 2 precursor, intestinal - human	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4766	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	3e-008	119379	RETROVIRUS-RELATED ENV POLYPROTEIN	6e-007
4767	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4768	M61185	Bovine glutamic acid-rich protein mRNA, complete cds.	0.01	2781362	(AC003113) F24O1.18 [Arabidopsis thaliana]	1.1
4769	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4770	Z62012	H.sapiens CpG DNA, clone 61g4, reverse read cpg61g4.r11a	0.076	1582765	YFW1 gene [Saccharomyces cerevisiae]	2.9
4771	M29065	Human hnRNP A2 protein mRNA.	0	4049652	(AF063866) ORF MSV017 hypothetical protein [Melanoplus sanguinipes entomopoxvirus]	5.9
4772	D12525	Homo sapiens cytochrome P450IA1 gene, 3'flanking region	6e-016	728837	!!!! ALU SUBFAMILY SQ WARNING ENTRY	9.6
4773	M16660	Human 90-kDa heat-shock protein gene, cDNA, complete cds.	e-109	2119731	HSP90 - mouse (fragment) protein {C-terminal} [mice, heart, Peptide Partial, 194 aa] [Mus sp.]	1e-023
4774	AF043105	Homo sapiens glutathione S-transferase mu 3	9e-020	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.63
4775	U43374	Human normal keratinocyte mRNA.	0	120179	FINQ PROTEIN >gi 73172 pir BV ECFQ finQ protein - Escherichia coli plasmid R820a	9
4776	U00684	Human unknown mRNA.	2e-014	2224667	(AB002361) KIAA0363 [Homo sapiens]	6.6

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4777	M22299	Human T-plastin polypeptide mRNA, complete cds. clone p4. > :: gb 108151  Sequence 1 from Patent EP 0345726	4e-008	<NONE>	<NONE>	<NONE>
4778	M95623	Homo sapiens hydroxymethylbilane synthase gene, complete cds.	3e-018	3002527	(AF010144) neuronal thread protein AD7c-NTP [Homo sapiens]	0.52
4779	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4780	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4781	AF061034	Homo sapiens FIP2 alternatively translated mRNA, complete cds	0	3127084	(AF061034) FIP2 [Homo sapiens]	9e-089
4782	Z64776	H.sapiens CpG DNA, clone 167d8, forward read cpg167d8.ft1b.	0.0002	1777782	(U52513) ISG family member [Homo sapiens]	1.8
4783	D31786	Acyrtosiphon kondoi endosymbiont DNA, S10 and spc ribosomal protein gene operons, complete and partial cds	1.1	2134310	cell division control protein CDC37 homolog splice form 1 - chicken	4e-005
4784	L05491	Homo sapiens T-plastin gene, last exon (16).	0	2506254	T-PLASTIN	3e-018
4785	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4786	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	3877438	(Z72510) similar to G-protein coupled receptor [Caenorhabditis elegans]	2
4787	L38250	Mycoplasma penetrans p35 lipoprotein and p33 lipoprotein genes, complete cds	0.041	<NONE>	<NONE>	<NONE>
4788	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir  R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir  R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4789	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.6
4790	AF041210	Homo sapiens midline 1 fetal kidney isoform 3	0.41	<NONE>	<NONE>	<NONE>
4791	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.2

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4792	S60885	LYAR=cell growth regulating nucleolar protein	2e-026	2498524	CELL GROWTH REGULATING NUCLEOLAR PROTEIN >gi 423488 pir  A40683 cell growth regulating nucleolar protein LYAR - mouse >gi 300372 bbs 131782	0.43
4793	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4794	U28687	Human zinc finger containing protein ZNF157	3e-027	1731444	ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2) >gi 1020145 (M27878) DNA binding protein	3e-008
4795	AF086438	Homo sapiens full length insert cDNA clone ZD80G11	0.0002	<NONE>	<NONE>	<NONE>
4796	L28997	Homo sapiens ARL1 mRNA, complete cds	3e-006	<NONE>	<NONE>	<NONE>
4797	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-008	1280126	(U55375) K03E6.4 [Caenorhabditis elegans]	2e-012
4798	AE001415	Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence	0.015	<NONE>	<NONE>	<NONE>
4799	D21853	Human mRNA for KIAA0111 gene, complete cds	0	729821	EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34 (HA0659) >gi 631472 pir  S45142 translation initiation factor eIF-4A2 homolog - human >gi 496902	2e-010

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4800	M76425	H.sapiens intron 2 Alu repetitive element.	0.014	<NONE>	<NONE>	<NONE>
4801	X87212	H.sapiens mRNA for cathepsin C	0	1582221	prepro-cathepsin C [Homo sapiens]	1e-052
4802	D80005	Human mRNA for KIAA0183 gene, partial cds	e-114	1136426	(D80005) KIAA0183 [Homo sapiens]	7e-025
4803	AF026029	Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds	2e-055	<NONE>	<NONE>	<NONE>
4804	Z68322	Human DNA sequence from cosmid L79F5, Huntington's Disease Region, chromosome 4p16.3	2e-016	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.6
4805	M63180	Human threonyl-tRNA synthetase mRNA, complete cds	0	135177	THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	5e-070
4806	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.7	<NONE>	<NONE>	<NONE>
4807	D16431	Human mRNA for hepatoma-derived growth factor, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4808	AF086168	Homo sapiens full length insert cDNA clone ZB82D09	e-148	1465826	(U64856) weak similarity to TPR domains [Caenorhabditis elegans]	2e-014

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4809	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.4
4810	M34651	Pseudorabies virus with upstream and downstream sequences.	0.4	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	0.047
4811	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	1353390	(U34998) Rad9 [Coprinus cinereus]	3e-010
4812	M94314	Homo sapiens ribosomal protein L30 mRNA, complete cds	1e-064	<NONE>	<NONE>	<NONE>
4813	X95276	P.falciparum complete gene map of plastid- like DNA (IR-B)	0.001	<NONE>	<NONE>	<NONE>
4814	X12716	Human Retrovirus mRNA for LTR (clone cH6)	5e-024	<NONE>	<NONE>	<NONE>
4815	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir  R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir  R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4816	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4817	U61945	Caenorhabditis elegans cosmid C49C8.	1.8	<NONE>	<NONE>	<NONE>
4818	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4819	M20020	Human ribosomal protein S6 mRNA, complete cds.	7e-072	225901	ribosomal protein S6 [Rattus norvegicus]	2e-015
4820	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.058	<NONE>	<NONE>	<NONE>
4821	AL023973	Human DNA sequence from clone 1033E15 on chromosome 22q13.1-13.2. Contains part of a novel gene, ESTs and a GSS, complete sequence [Homo sapiens]	3e-009	2352260	(AF000949) keratin [Canis familiaris]	0.037
4822	M37430	Pea Chloroplast 4.5S, 5S, 16S and 23S mRNA.	4.7	4093193	(AF106583) unknown [Caenorhabditis elegans]	4.8
4823	M63488	Human replication protein A 70kDa subunit mRNA complete cds.	0	1350579	REPLICATION PROTEIN A 70 KD DNA-BINDING SUBUNIT (RP-A) (RF-A) (REPLICATION FACTOR-A PROTEIN 1) (SINGLE-STRANDED DNA-BINDING PROTEIN) subunit [Homo sapiens]	8e-079
4824	X83791	C.tentans BR1 gene	1.2	<NONE>	<NONE>	<NONE>
4825	U67576	Methanococcus jannaschii section 118 of 150 of the complete genome	4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4826	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	<NONE>	<NONE>	<NONE>
4827	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4828	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1- ALPHA 1	e-109
4829	X76538	H.sapiens Mpv17 mRNA	6.00E-98	730059	MPV17 PROTEIN >gi 631208 pir  S4 5343 glomerulosclerosis protein Mpv17 - human	3e-010
4830	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4831	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.014
4832	X83617	H.sapiens mRNA for RanBP1	3.4	3924670	(AC004990) supported by Genscan and several ESTs: C83049	3e-040
4833	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3024677	ISOLEUCYL- TRNA SYNTHETASE isoleucyl-tRNA synthetase (ileS) [Helicobacter pylori]	0.005
4834	J02763	Human calcyclin gene, complete cds.	1e-043	<NONE>	<NONE>	<NONE>
4835	L10910	Homo sapiens splicing factor (CC1.3) mRNA, complete cds.	0.00E+00	<NONE>	<NONE>	<NONE>
4836	X53586	Human mRNA for integrin alpha 6	2e-099	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4837	Z57594	H.sapiens CpG DNA, clone 186c5, reverse read cpg186c5.rt1b.	1.4	<NONE>	<NONE>	<NONE>
4838	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4839	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4840	Y00371	Human hsc70 gene for 71 kd heat shock cognate protein > :: gb AR013986 AR013986 Sequence 15 from patent US 5773245	e-145	987050	(X65335) lacZ gene product [unidentified cloning vector]	7e-011
4841	AF074991	Homo sapiens full length insert cDNA YH88A03	0.0005	<NONE>	<NONE>	<NONE>
4842	AF055030	Homo sapiens clone 24538 mRNA sequence	2e-049	2842711	ZINC-FINGER PROTEIN UBI-D4 sapiens]	2e-016
4843	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	1353531	(U38906) ORF14 [Bacteriophage r1t]	7.1
4844	Z57588	H.sapiens CpG DNA, clone 186b7, reverse read cpg186b7.rt1b.	0.41	<NONE>	<NONE>	<NONE>
4845	X65319	Cloning vector pCAT-Enhancer	9e-051	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.37
4846	X78411	B.pasteurii ureA, ureB and ureC genes.	3.1	<NONE>	<NONE>	<NONE>
4847	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-009	2224697	(AB002376) KIAA0378 [Homo sapiens]	5e-008

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4848	U78729	Homo sapiens mad protein homolog Smad2 gene, exon 6	4.7	<NONE>	<NONE>	<NONE>
4849	D55696	Human mRNA for cysteine protease, complete cds	0	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi11743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	3e-030
4850	U95097	Xenopus laevis mitotic phosphoprotein 43 mRNA, partial cds	0.43	3005603	(AF053141) progesterone receptor [Equus caballus]	2.2
4851	U46118	Rattus norvegicus cytochrome P450 3A9 mRNA, complete cds	0.38	<NONE>	<NONE>	<NONE>
4852	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	2495726	HYPOTHETICAL PROTEIN KIAA0254 sapiens]	1e-005
4853	L10911	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	e-117	<NONE>	<NONE>	<NONE>
4854	D00132	Acremonium chrysogenum ARS DNA fragment	1.7	130998	SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] glycoprotein precursor PRB2 - human (fragment) precursor [Homo sapiens]	0.45
4855	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4856	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4857	AC002186	Homo sapiens (subclone 1_f12 from P1 H115) DNA sequence	1e-041	2072966	(U93570) p40 [Homo sapiens]	4e-013
4858	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4859	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4860	AJ005866	Homo sapiens mRNA for putative Sqv-7- like protein, partial	e-179	4008517	(AJ005866) Sqv- 7-like protein [Homo sapiens]	3e-049
4861	AF052165	Homo sapiens clone 24522 mRNA sequence	4e-072	2065177	(Y12790) Supt5h protein [Homo sapiens] sapiens]	1e-021
4862	M90058	Human serglycin gene, exons 1,2, and 3.	0.005	<NONE>	<NONE>	<NONE>
4863	U17662	Human neurofibromatosis 1 (NF1) gene, exons 4c and 5 and partial cds	1.3	<NONE>	<NONE>	<NONE>
4864	U64453	Human ELK1 pseudogene (ELK2) and immunoglobulin heavy chain gamma pseudogene (IGHGP)	3e-018	<NONE>	<NONE>	<NONE>
4865	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4866	X16826	Drosophila melanogaster DNA for 60C beta tubulin gene making beta 3 tubulin isoform	2.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4867	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-009	<NONE>	<NONE>	<NONE>
4868	X65319	Cloning vector pCAT-Enhancer	8e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4869	AL031322	S.pombe chromosome II cosmid c17D1	0.38	<NONE>	<NONE>	<NONE>
4870	M11560	Human aldolase A mRNA, complete cds.	0	553861	(J05517) aldolase A [Mus musculus]	2e-066
4871	U28831	Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds. > :: gb I40055 I40055 Sequence 1 from patent US 5618695	e-106	896065	(U28831) protein that is immuno- reactive with anti- PTH polyclonal antibodies [Homo sapiens]	1e-014
4872	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4873	<NONE>	<NONE>	<NONE>	107112	mucin, tracheal (AMN-22) - human (fragment)	4e-009
4874	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>
4875	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4876	D85752	Enterococcus faecalis plasmid pPD1 bacA, bacB, bacC, bacD, bacE, bacF, bacG, bacH and bacI genes, complete cds	0.042	1123087	(U42436) C49H3.3 gene product [Caenorhabditis elegans]	0.001
4877	AC001443	Homo sapiens (subclone 2_f10 from BAC 2913	1e-033	2072961	(U93568) putative p150 [Homo sapiens]	3e-007
4878	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-012	<NONE>	<NONE>	<NONE>
4879	S81433	heme oxygenase-2 {5' region, alternative splicing}	4.2	<NONE>	<NONE>	<NONE>
4880	M34312	S.cerevisiae telomeric sequence DNA, clone YLP108CA-4-ii.	5e-010	188864	(M74027) mucin [Homo sapiens]	2e-007
4881	AF075079	Homo sapiens full length insert cDNA YQ80A08	1.00E-12	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.6
4882	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.015	3176689	(AC003671) Contains similarity to ubiquitin carboxyl-terminal hydrolase 14 gb Z35927 from S. cerevisiae. [Arabidopsis thaliana]	4.5
4883	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.12	<NONE>	<NONE>	<NONE>
4884	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4885	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4886	U74586	Rattus norvegicus double-stranded RNA specific adenosine deaminase (RED2) mRNA, complete cds	3.5	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI Dle1249651 (AL021711) putative protein [Arabidopsis thaliana]	4e-008
4887	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	2497599	LAMININ BETA-2 CHAIN PRECURSOR	5.4
4888	D78572	House mouse; Musculus domesticus mRNA for membrane glycoprotein, complete cds > :: dbj E12950 E12950 cDNA GA3-43 encoding novel polypeptide which appear when differentiate from embryo-tumor cell P19 to nerve cell	7e-017	1545807	(D78572) membrane glycoprotein [Mus musculus]	1.2
4889	L07273	Rattus norvegicus carboxypeptidase E (CPE) gene, exon 1.	3.2	<NONE>	<NONE>	<NONE>
4890	Z46629	Homo sapiens SOX9 mRNA. > :: gb G28593 G28593 human STS SHGC-35378.	e-132	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4891	M30802	Human aromatase cytochrome P-450 gene, exon 8.	3.3	<NONE>	<NONE>	<NONE>
4892	M28699	Homo sapiens nucleolar phosphoprotein B23 (NPM1) mRNA, complete cds.	5e-088	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.2
4893	M89955	Human 5-HT1D-type serotonin receptor gene, complete cds.	0	2494923	5-HYDROXYTRYPTAMINE 1D RECEPTOR 1D [Cavia porcellus]	3e-008
4894	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4895	AF004230	Homo sapiens monocyte/macrophage Ig-related receptor MIR-7 (MIR cl-7) mRNA, complete cds	2e-012	<NONE>	<NONE>	<NONE>
4896	D50463	Mouse SDR1 mRNA, complete cds	0	1806276	(X99337) glycoprotein 55 [Rattus norvegicus]	e-103
4897	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4898	AB014597	Homo sapiens mRNA for KIAA0697 protein, partial cds	2e-067	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-051
4899	AF047598	Homo sapiens origin recognition complex subunit 4 (ORC4L) mRNA, complete cds	e-110	2736149	(AF022108) putative replication initiator origin recognition complex subunit Orc4Lp [Homo sapiens] subunit 4; Orc4p [Homo sapiens]	7e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4900	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4901	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4902	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4903	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4904	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4905	U26162	Human myosin regulatory light chain mRNA, complete cds.	0	228542	myosin:SUBUNIT =regulatory light chain	3e-068
4906	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4907	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3822225	(AF079183) RING-H2 finger protein RHG1a [Arabidopsis thaliana]	4e-006
4908	X65319	Cloning vector pCAT-Enhancer	1e-075	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-019
4909	AJ010475	Arabidopsis thaliana mRNA for DEAD box RNA helicase, RH28	0.62	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4910	U48364	Mus musculus muscle-specific transcriptional activator alpha-NAC gp220 (Naca) mRNA, complete cds	0.2	<NONE>	<NONE>	<NONE>
4911	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4912	J03750	Mouse single stranded DNA binding protein p9 mRNA, complete cds.	e-135	1709514	ACTIVATED RNA POLYMERASE II TRANSCRIPTIONAL COACTIVATOR P15 (PC4) (P14) cofactor p15 - human >gi 531395 (U12979) PC4 [Homo sapiens] >gi 619161 (X79805) PC4, p15 [Homo sapiens]	1e-020
4913	U70263	Border disease virus strain BD31, complete genome	3.2	<NONE>	<NONE>	<NONE>
4914	AB012086	Canine herpesvirus gene for immediate-early protein, complete cds	0.37	<NONE>	<NONE>	<NONE>
4915	X05908	Human mRNA for lipocortin	e-162	113944	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II) (CHROMOBINDIN 9) (P35) (PHOSPHOLIPASE A2 INHIBITORY PROTEIN) >gi 71756 pir  LU HU annexin I - human >gi 34388	9e-041
4916	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4917	U90911	Human clone 23652 mRNA sequence	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4918	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>
4919	X57830	H.sapiens serotonin 5-HT2 receptor mRNA > :: gb G28536 G285 36 human STS SHGC-31576.	4e-011	<NONE>	<NONE>	<NONE>
4920	U67559	Methanococcus jannaschii section 101 of 150 of the complete genome	3.5	<NONE>	<NONE>	<NONE>
4921	M20020	Human ribosomal protein S6 mRNA, complete cds.	0	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir  R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir  R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	2e-072
4922	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4923	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4924	X76683	Plasmid vector pHM2 betalactamase gene	e-160	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4925	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4926	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.002	<NONE>	<NONE>	<NONE>
4927	D50369	Homo sapiens mRNA for low molecular mass ubiquinone-binding protein, complete cds	e-152	3024781	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP-C PROTEIN) (COMPLEX III SUBUNIT VII) >gi 2605590 (D50369) low molecular mass ubiquinone-binding protein [Homo sapiens]	6e-023
4928	M63391	Human desmin gene, complete cds.	4e-013	<NONE>	<NONE>	<NONE>
4929	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4930	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds	e-175	2494312	TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) subunit [Rattus norvegicus]	4e-040
4931	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4932	U50767	Mus musculus alpha 1 type I collagen gene, partial cds and 3' flanking region.	1.2	<NONE>	<NONE>	<NONE>
4933	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4934	U86137	Mus musculus telomerase protein-1 mRNA, complete cds	1.70E-01	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-006
4935	S57980	Crp1=cystatin-related protein-1 [rats, Genomic, 7673 nt]	0.041	<NONE>	<NONE>	<NONE>
4936	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4937	AB012047	Arabidopsis thaliana gene for sulfate transporter, complete cds, clone:AST56	0.14	3915658	ATP-DEPENDENT RNA HELICASE A helicase II [Homo sapiens]	6.1
4938	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4939	AB018374	Mus musculus GARP34 mRNA, complete cds	3e-037	<NONE>	<NONE>	<NONE>
4940	AF001498	Campylobacter jejuni polysaccharide biosynthesis protein homolog gene, partial cds, galactosyl transferase homolog, UDP-galactose phosphate transferase homolog, acetyl transferase homolog and aminotransferase homolog gen...	3e-005	<NONE>	<NONE>	<NONE>
4941	J04617	Human elongation factor EF-1-alpha gene, complete cds. > :: dbj E02629 E02629 DNA of human polypeptide chain elongation factor-	3e-090	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		l alpha				
4942	Z54349	H.sapiens MN/CA9 GENE	2e-007	<NONE>	<NONE>	<NONE>
4943	AF077374	Homo sapiens small proline-rich protein (SPRR3) gene, exons 1, 2, and 3 and complete cds	1.3	<NONE>	<NONE>	<NONE>
4944	X59828	Human chromosome 22 flanking hypervariable simple repeat DNA (clone HZREP42)	0.0003	<NONE>	<NONE>	<NONE>
4945	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional modulating protein IE63 (gene UL54) herpesvirus 1]	5.8
4946	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					modulating protein IE63 (gene UL54) herpesvirus 1]	
4947	X76683	Plasmid vector pHM2 betalactamase gene	8e-092	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4948	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4949	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-04	<NONE>	<NONE>	<NONE>
4950	X16972	Drosophila melanogaster cecropin gene cluster	1.20E-01	1362688	morphogen Xhh precursor - African clawed frog >gi 790938 (L39213) morphogen [Xenopus laevis]	1.9
4951	U12022	Human calmodulin (CALM1) gene, exons 2,3,4,5 and 6, and complete cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
4952	X56536	Rabbit mRNA for pH regulatory protein (Na <sup>+</sup> /H <sup>+</sup> exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4953	AF037438	Homo sapiens short chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) gene, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4954	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.4
4955	AB000467	Homo sapiens mRNA, partial cds, clone:RES4-25	2e-012	<NONE>	<NONE>	<NONE>
4956	U31525	Human glycogenin mRNA, complete cds	0	1707996	GLYCOGENIN >gi 2135280 pir J C4695 glycogenin glucosyltransferase (EC 2.4.1.186) - human	5e-042
4957	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4958	AF003836	Mesocricetus auratus isopentenyl diphosphate:dime thylallyl diphosphate isomerase mRNA, complete cds	1.30E+00	<NONE>	<NONE>	<NONE>
4959	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4960	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4961	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4962	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4963	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4964	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>
4965	X63787	T.thermophila gene for snRNA U3-2	0.41	<NONE>	<NONE>	<NONE>
4966	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4967	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-015	<NONE>	<NONE>	<NONE>
4968	U35114	Human apolipoprotein E (APOE) gene, hepatic control region HCR-2	9e-005	<NONE>	<NONE>	<NONE>
4969	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
4970	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4971	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4972	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4973	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4974	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4975	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4976	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4977	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4978	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4979	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-05	2983512	(AE000718) putative protein [Aquifex aeolicus]	2.2
4980	X56536	Rabbit mRNA for pH regulatory protein (Na <sup>+</sup> /H <sup>+</sup> exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018
4981	Z11508	A.thaliana rpl15 gene for plastid ribosomal protein CL15	5.00E-03	3283910	(AF070638) unknown [Homo sapiens]	2.5
4982	X95834	H.sapiens DNA sequence surrounding NotI site, clone NRLA143D	7e-070	1588365	signal peptidase:SUBUN IT=12kD [Homo sapiens]	1e-043

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4983	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	4008081	(AF106835) putative DnaJ [Methylovorus sp. strain SS1]	3e-010
4984	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4985	U43626	Human chromosome 15q11-q13 putative DNA replication origin in the g-aminobutyric acid receptor b3 and a5 gene cluster	2e-018	2197085	(AF003535) ORF2-like protein [Homo sapiens]	0.0002
4986	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4987	D21272	Rice mRNA for ADP-glucose pyrophosphorylase	1.1	1708084	EXOGLUCANASE B PRECURSOR 1,4-beta-cellobiosidase (EC 3.2.1.91) precursor - Cellulomonas fimi >gi 790698 (L38827) beta-1,4-cellobiohydrolase [Cellulomonas fimi]	5.8
4988	U59706	Gallus gallus alternatively spliced AMPA glutamate receptor, isoform GluR2 flop, (GluR2) mRNA, partial cds.	0.015	<NONE>	<NONE>	<NONE>
4989	AF086033	Homo sapiens full length insert cDNA clone YW26E09	e-174	<NONE>	<NONE>	<NONE>
4990	L31840	Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.	e-179	1709212	NUCLEAR PORE COMPLEX PROTEIN NUP107	2e-083

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4991	AF052144	Homo sapiens clone 24573 and 24786 mRNA sequences	e-170	1174415	SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) >gij345426 pir  A4 4112 spidroin 2, dragline silk fibroin - orb spider (Nephila clavipes) (fragment) clavipes]	4.8
4992	M22406	Human intestinal mucin mRNA, partial cds, clone SMUC 42.	0.085	188864	(M74027) mucin [Homo sapiens]	1e-009
4993	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4994	U24697	Chironomus samoensis nanos homolog (Cs nos) gene, complete cds.	0.13	3880999	(AL021492) Y45F10D.11 [Caenorhabditis elegans]	7e-022
4995	M64716	Human ribosomal protein S25 mRNA, complete cds.	4e-074	2943738	(AB011550) Drosophila Policomblake-related gene containing PHD fingers. [Mus musculus]	4e-011
4996	X54326	H.sapiens mRNA for glutaminyl-tRNA synthetase	0	135104	MULTIFUNCTIONAL AMINOACYL-TRNA SYNTHETASE (CONTAINS: GLUTAMYL-TRNA SYNTHETASE glutamyl-prolyl-tRNA synthetase - human >gij31958	1e-088
4997	Z12112	pWE15A cosmid vector DNA	2e-028	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-007
4998	Z62939	H.sapiens CpG DNA, clone 75f1, forward read cpg75f1.ft1b.	3e-010	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4999	<NONE>	<NONE>	<NONE>	2134574	mucin - rhesus macaque (fragment) >gi437055	5e-005
5000	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	9e-009	<NONE>	<NONE>	<NONE>
5001	Z93950	H.sapiens DNA; chromosome Y repeat regions	0.15	<NONE>	<NONE>	<NONE>
5002	X64037	H.sapiens mRNA for RNA polymerase II associated protein RAP74	5e-056	<NONE>	<NONE>	<NONE>
5003	M37583	Human histone (H2A.Z) mRNA, complete cds.	e-132	121994	HISTONE H2A.Z >gi89608 pir  S03642 histone H2A.Z - bovine >gi92380 pir  S03644 histone H2A.Z - rat >gi106267 pir  A35881 histone H2A.Z - human sapiens] >gi57808 (X52316) histone H2A.Z (AA 1-127) taurus] >gi184060 (M37583) histone (H2A.Z) [Homo sapien	2e-044
5004	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5005	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5006	M94764	Glycine max cv. Dare nodulin 26 gene fragment.	0.043	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5007	Z34287	B.subtilis (SO113) genomic DNA (5425bp)	1.2	<NONE>	<NONE>	<NONE>
5008	X76683	Plasmid vector pHM2 betalactamase gene	6e-078	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-014
5009	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	e-109	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 gnl PI D d1005029 (D17577) Kif1b [Mus musculus]	9e-041
5010	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5011	D88271	Human (lambda) DNA for immunoglobulin light chain	1e-021	<NONE>	<NONE>	<NONE>
5012	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5013	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5014	AF052133	Homo sapiens clone 23970 mRNA sequence	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
5015	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5016	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17G,E78Q) Complexed With Calcium	4e-005
5017	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5018	L44118	Homo sapiens proximal CMT1A-REP repeat	0.0005	<NONE>	<NONE>	<NONE>
5019	Y16849	Bacillus sp. D3 xynA and abfA genes and ORF1	2e-015	<NONE>	<NONE>	<NONE>
5020	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	465975	PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III >gi 482102 pir  S40731 ATP-dependent RNA helicase homolog T26G10.1 - Caenorhabditis elegans >gi 3880293 gnl PI D e1349766 1397-1495 which introduced stop codon at 3' splice; 5' splice looks v.	9e-005
5021	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5022	U02455	Cloning vector rpDR2, complete sequence.	0.35	2132302	hypothetical protein YPR144c - yeast similarity near C-terminus to RNA Polymerase beta subunit (Swiss Prot. accession number P11213) and CCAAT-binding transcription factor (PIR accession number A36368) [Saccharomyces cerevisiae]	1e-031
5023	X97999	H.sapiens mRNA for transcription factor IID, subunit TAFII55	0	3024690	TRANSCRIPTIO N INITIATION FACTOR TFIID 55 KD SUBUNIT (TAFII-55) (TAFII55) factor IID [Homo sapiens]	4e-083
5024	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5025	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5026	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	4e-061	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.6
5027	D90086	Human pyruvate dehydrogenase (EC 1.2.4.1) beta subunit gene, exons 1-10	4e-011	2143936	probable regulatory protein 322 - rat	7.7
5028	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	<NONE>	<NONE>	<NONE>
5029	X65319	Cloning vector pCAT-Enhancer	2e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
5030	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5031	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	3258141	(AP000007) 138aa long hypothetical protein [Pyrococcus horikoshii]	9.6
5032	X98001	H.sapiens mRNA for geranylgeranyl transferase II	e-129	2506788	GERANYLGERA NYL TRANSFERASE TYPE II BETA SUBUNIT (RAB GERANYLGERA NYLTRANSFER ASE BETA SUBUNIT) (RAB GERANYL- GERANYLTRAN SFERASE BETA SUBUNIT) transferase II [Homo sapiens]	3e-026
5033	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5034	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5035	U19239	Choristoneura fumiferana entomopoxvirus spheroidin gene, complete cds, G4R gene, partial cds, and nucleoside triphosphate phosphohydrolase (NPH I) gene, partial cds	3.8	<NONE>	<NONE>	<NONE>
5036	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-009	2690166	(AE000788) B. burgdorferi predicted coding region BBK23	4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5037	U66871	Human enhancer of rudimentary homolog mRNA, complete cds	0	2498336	ENHANCER OF RUDIMENTARY HOMOLOG homologous to DROER protein [Homo sapiens] >gi 1519519 sapiens]	6e-057
5038	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5039	X99728	H.sapiens NDUFV3 gene, exon 3	3e-092	2829450	NADH-UBIQUINONE OXIDOREDUCTASE 9 KD SUBUNIT PRECURSOR (COMPLEX I-9KD) (CI-9KD)	1e-015
5040	X78730	M. musculus DNA for the flanking sequences of the hypothalamic GRH first exons	2	<NONE>	<NONE>	<NONE>
5041	X84373	H.sapiens mRNA for nuclear factor RIP140 > :: gb G28540 G28540 human STS SHGC-31616.	e-155	<NONE>	<NONE>	<NONE>
5042	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5043	X82272	Human endogenous retrovirus env mRNA	8e-081	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-058
5044	AF029982	Mus musculus sarco(endo)plasmic reticulum calcium ATPase (SERCA2) gene, promoter region, exons 1-3, and partial cds	0.003	3873550	(AL033534) serine-rich protein	0.018
5045	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5046	Y12781	Homo sapiens mRNA for transducin (beta) like 1 protein	1e-084	3021409	(Y12781) transducin (beta) like 1 protein [Homo sapiens]	2e-064

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5047	S63912	D10S102=FBRN P [human, fetal brain, mRNA, 3043 nt]	4e-084	<NONE>	<NONE>	<NONE>
5048	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5049	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1-ALPHA 1	e-108
5050	L31783	Mus musculus uridine kinase mRNA, partial cds	3e-029	1718058	URIDINE KINASE (URIDINE MONOPHOSPHO KINASE) >gi 471981 (L31783) uridine kinase	4e-011
5051	X75652	A.longa plastid genes for tRNAs, ribosomal protein, rRNA and elongation factor	1.3	<NONE>	<NONE>	<NONE>
5052	Z93123	M.acuminata mRNA; clone pBAN UD75	1.1	<NONE>	<NONE>	<NONE>
5053	D16901	Human HepG2 3' region cDNA, clone hmd2h05	1.5	<NONE>	<NONE>	<NONE>
5054	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5055	AF043252	Homo sapiens mitochondrial outer membrane protein (Tom40) gene, nuclear gene encoding mitochondrial protein, exons 7, 8 and 9	e-106	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 (AF050154) D19S1177E [Homo sapiens]	6e-007
5056	X66494	R.norvegicus CHOT1 mRNA	1e-012	1545807	(D78572) membrane glycoprotein [Mus musculus]	3e-007
5057	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5058	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	3513368	(AB017202) entactin-2 [Mus musculus]	3e-005
5059	U77107	Fundulus lineolatus cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds	0.37	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	7e-026
5060	X52317	Human mRNA for histone H2A.Z	5e-014	<NONE>	<NONE>	<NONE>
5061	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-008	<NONE>	<NONE>	<NONE>
5062	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5063	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5064	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.5
5065	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5066	X15943	Human calcitonin/alpha- CGRP gene	1e-012	1575563	(U66464) hematopoietic progenitor kinase [Homo sapiens]	5.6
5067	AF001175	Homo sapiens ribonuclease P protein subunit p14 (Rpp14) mRNA, complete cds	0	4100563	(AF001175) ribonuclease P protein subunit p14 [Homo sapiens]	2e-032
5068	L29260	Arabidopsis thaliana 1-amino- 1- cyclopropanecarb oxylate synthase (ACS5) gene, complete cds.	0.41	<NONE>	<NONE>	<NONE>
5069	X57268	Mouse DNA for t-haplotype- specific elements (located in H-2 complex, ETn related)	1.2	<NONE>	<NONE>	<NONE>
5070	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.5
5071	Y11896	M.musculus mRNA for Brx gene, partial	3e-018	2196874	(Y11896) BRX protein [Mus musculus]	3e-011

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5072	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0	126041	L-LACTATE DEHYDROGENASE H CHAIN dehydrogenase B (AA 1 - 334) [Homo sapiens] >gi 1200083	e-102
5073	AF065482	Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds	0	3152938	(AF065482) sorting nexin 2 [Homo sapiens]	3e-072
5074	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
5075	D50418	Mouse mRNA for AREC3, partial cds	6e-047	2495271	SKELETAL MUSCLE-SPECIFIC ARE BINDING PROTEIN AREC3 (HOMEODOMAIN PROTEIN SIX4) M18) - mouse >gi 1255626 gnl PI D d1009550 (D50416) AREC3	2e-006
5076	D17448	Microcystis aeruginosa plasmid pMA2 DNA, complete genome sequence	0.13	<NONE>	<NONE>	<NONE>
5077	M29548	Human elongation factor 1-alpha (EF1A) mRNA, partial cds.	e-166	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-010
5078	AF081496	Homo sapiens kinetochore protein BUB3 (BUB3) mRNA, complete cds	6e-044	2921873	(AF047472) spleen mitotic checkpoint BUB3 [Homo sapiens] protein BUB3 [Homo sapiens]	3e-006
5079	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5080	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5081	M14123	Human endogenous retrovirus HERV-K10.	2e-065	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-037
5082	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5083	D30655	Homo sapiens mRNA for eukaryotic initiation factor 4AII, complete cds	0	673433	(X56953) protein synthesis initiation factor 4A [Mus musculus]	2e-092
5084	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	5e-045	3122072	ELONGATION FACTOR 1-ALPHA 1 chicken >gi 488468 (L00677) elongation factor 1 alpha	1e-009
5085	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5086	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5087	U78310	Homo sapiens pescadillo mRNA, complete cds	e-122	2194203	(U78310) pescadillo [Homo sapiens]	9e-009
5088	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5089	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
5090	U09368	Human zinc finger protein ZNF140	0	1731416	ZINC FINGER PROTEIN 140 human >gi 487787 (U09368) zinc finger protein ZNF140	2e-062
5091	M98509	Human NFB genomic fragment.	1e-010	<NONE>	<NONE>	<NONE>
5092	AB002322	Human mRNA for KIAA0324 gene, partial cds	e-130	2996650	(AC004493) KIAA0324 [Homo sapiens]	9e-018
5093	AJ007670	Homo sapiens mRNA for LGMD2B protein	2e-014	403460	(L24521) transformation-related protein [Homo sapiens]	3.8



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5094	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	181967	(M29548) elongation factor 1-alpha [Homo sapiens]	2e-036
5095	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5096	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
5097	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5098	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5099	U45421	Borrelia burgdorferi 2.9-1 locus, ORF 5-8, ORF-A-D, REP+, REP-, and lipoprotein (LP) genes, complete cds	0.014	3510605	(AF044267) gyrase subunit B [Chlamydia trachomatis]	3.4
5100	L54057	Homo sapiens CLP mRNA, partial cds.	0	<NONE>	<NONE>	<NONE>
5101	D14660	Human mRNA for KIAA0104 gene, complete cds	0	1350786	PUTATIVE 60S RIBOSOMAL PROTEIN sapiens] >gi 3947438 (AC005034) ribosomal protein-like	e-111

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5102	X78627	H.sapiens mRNA for translin.	0	1082873	translin - human >gi 607130 (X78627) translin [Homo sapiens] >gi 1586346 prf 2203413A recombination hotspot-binding protein [Homo sapiens]	5e-068
5103	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0001	<NONE>	<NONE>	<NONE>
5104	M12585	Mouse alpha-1 antitrypsin gene, segment 1.	2e-006	3873550	(AL033534) serine-rich protein	1.7
5105	X52967	Human mRNA for ribosomal protein L7	0	423072	ribosomal protein L7 - human	7e-061
5106	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5107	X78722	M.musculus GLUT2 gene for glucose transporter	0.34	1685115	(U68754) putative transcription factor [Dictyostelium discoideum]	3.8
5108	AF002677	Dictyostelium discoideum DEAD-box RNA helicase	0.28	3293508	(AF069188) NADH dehydrogenase 1 [Ephedrus laevicollis]	0.81
5109	AB018263	Homo sapiens mRNA for KIAA0720 protein, partial cds	0.87	107240	oncogene 1 (tre-2 locus) (clone 210) - human	0.19
5110	AF017115	Homo sapiens cytochrome c oxidase subunit IV precursor (COX4) gene, nuclear gene encoding mitochondrial protein, complete cds	0.77	<NONE>	<NONE>	<NONE>
5111	AE001383	Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence	0.15	2315754	(AF016681) No definition line found [Caenorhabditis elegans]	9.6
5112	D49577	Pig mRNA for rearranged T-cell receptor delta-chain/Vdelta1.14-Ddeltas-Jdelta1, partial cds	0.91	<NONE>	<NONE>	<NONE>
5113	U63810	Homo sapiens WD40 protein Ciao 1 mRNA, complete cds	0.0	3219331	(AC004020) Unknown gene product [Homo sapiens]	3e-92
5114	AF085858	Homo sapiens full length insert cDNA clone YN49B07	e-172	3329465	(AF064553) NSD1 protein [Mus musculus]	8e-54
5115	X01682	Mouse gene for cytochrome P3-450	0.026	1381394	(U40989) tat interactive protein [Homo sapiens]	4.0

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5116	AE001432	Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence	1.5	3873713	(Z74026) cDNA EST yk452h4.3 comes from this gene; cDNA EST yk452h4.5 comes from this gene	9e-11
5117	U31973	Human phosphodiesterase A' subunit (PDE6C) mRNA, complete cds. > :: gb G28549 G28549 human STS SHGC-31657.	2.3	136976	PROTEIN UL87 >gi 76594 pir  S09851 hypothetical protein UL87 - human cytomegalovirus cytomegalovirus]	8.1
5118	X02212	Chicken alpha-cardiac actin gene	2.6	<NONE>	<NONE>	<NONE>
5119	AE000838	Methanobacterium thermoautotrophicum from bases 494834 to 505698 (section 44 of 148) of the complete genome	0.89	765086	(D30786) feline CD9 [Felis catus]	1.4
5120	U89744	Rattus norvegicus putative cell surface antigen mRNA, complete cds	0.68	728850	GLUCOAMYLASE S1/S2 PRECURSOR (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) >gi 626156 pir  S48478 glucan 1,4-alpha-glucosidase (EC 3.2.1.3) - yeast stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3) [Saccharomyc	9e-06

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5121	J04974	Human alpha-2 type XI collagen mRNA (COL11A2).	1.2	114887	BREAKPOINT CLUSTER REGION PROTEIN protein, splice form 1 - human >gi 29421 (X02596) bcr gene product [Homo sapiens]	9.4
5122	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	0.046	2827756	EPHRIN TYPE-A RECEPTOR 1 PRECURSOR	1.9
5123	X68826	P.sativum mRNA for fructose 1,6 biphosphatase	0.95	1314248	(U24681) NADH:cytochrome c reductase [synthetic construct]	2e-05
5124	M14431	Bacteriophage phi-29 gene-16 gene, complete cds.	0.035	<NONE>	<NONE>	<NONE>
5125	U17033	Human 180 kDa transmembrane PLA2 receptor mRNA, complete cds.	0.36	722372	(U23139) similar to beta transducin proteins containing TRP-ASP domains [Caenorhabditis elegans]	3e-08
5126	Z50202	P.vulgaris arc5-1 gene	0.007	1151256	(U43319) transmembrane receptor [Mus musculus]	0.13
5127	AF013711	Homo sapiens 22 kDa actin-binding protein	2e-10	<NONE>	<NONE>	<NONE>
5128	AF086324	Homo sapiens full length insert cDNA clone ZD53E07	5e-09	3318653	(U83192) post-synaptic density protein 95 [Homo sapiens]	0.001
5129	D90117	T. thermophila mRNA for citrate synthase (EC 4.1.3.7)	0.63	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5130	D45105	Metschnikowia reukaufii 26S rRNA, partial sequence	0.78	<NONE>	<NONE>	<NONE>
5131	D85088	Ectoplasma limuli DNA for 18s ribosomal RNA	0.41	267408	PROBABLE DNA PACKAGING PROTEIN packaging protein [Human herpesvirus 4]	7.2
5132	X89886	P.patens mRNA for 5-aminolevulinate dehydratase	0.41	3875246	(Z81490) similar to WD domain, G-beta repeats (2 domains); cDNA EST EMBL:T00482 comes from this gene; cDNA EST EMBL:T00923 comes from this gene; cDNA EST yk449d4.3 comes from this gene; cDNA EST yk449d4.5 comes from this gen...	2e-22
5133	AB014564	Homo sapiens mRNA for KIAA0664 protein, partial cds	0.0	2981221	(AF053091) eyelid [Drosophila melanogaster]	0.076
5134	AE001403	Plasmodium falciparum chromosome 2, section 40 of 73 of the complete sequence	0.003	2495297	HYPOTHETICAL 26.3 KD HOMEBOX PROTEIN C02F12.5 IN CHROMOSOME X >gil1109893 (U41545) strong similarity to homeobox proteins; similar to inhibitor domain of tissue factor pathway inhibitor	3.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5135	U92574	Fugu rubripes homeobox protein HOXB-1 (FrHOXB-1) gene, complete cds	0.54	<NONE>	<NONE>	<NONE>
5136	U31118	Xenopus laevis cytoplasmic myosin II regulatory light chain mRNA, complete cds	0.26	3879530	(Z49130) cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene	8e-07
5137	L49035	Gorilla gorilla ABC-transporter (TAP2) mRNA, complete cds	0.21	4007066	(AJ131571) X protein [Hepatitis B virus]	1.3
5138	AF068628	Mus musculus DNA cytosine-5 methyltransferase 3B3 (Dnmt3b) mRNA, alternatively spliced, complete cds	4e-04	<NONE>	<NONE>	<NONE>
5139	M64982	Human fibrinogen alpha chain gene, complete mRNAs.	0.062	<NONE>	<NONE>	<NONE>
5140	M19262	Rat clathrin light chain (LCB3) mRNA, complete cds.	0.25	2088802	(AF003151) D1007.4 gene product [Caenorhabditis elegans]	0.012
5141	X94947	L.esculentum mRNA for homeobox protein	3.7	2315770	(AF016683) K09F6.1 gene product [Caenorhabditis elegans]	0.096
5142	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5143	M33782	Human TFEB protein mRNA, partial cds.	0.36	<NONE>	<NONE>	<NONE>
5144	AB011098	Homo sapiens mRNA for KIAA0526 protein, complete cds	2e-07	2501115	TBX2 PROTEIN (T-BOX PROTEIN 2)	0.90

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5145	AF039029	Homo sapiens snurportin1 mRNA, complete cds	0.0	3834390	(AF039029) snurportin1 [Homo sapiens]	e-108
5146	U22970	Human interferon-inducible peptide (6-16) gene, complete cds	0.21	<NONE>	<NONE>	<NONE>
5147	D63880	Human mRNA for KIAA0159 gene, complete cds	2e-64	<NONE>	<NONE>	<NONE>
5148	AB011174	Homo sapiens mRNA for KIAA0602 protein, partial cds	e-164	3043728	(AB011174) KIAA0602 protein [Homo sapiens]	2e-53
5149	AF053551	Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds	0.0	3283049	(AF053551) metaxin 2 [Homo sapiens]	1e-76
5150	Y13382	Arabidopsis thaliana ferrochelatase-I gene and promoter sequence	0.012	<NONE>	<NONE>	<NONE>
5151	AF044854	Colias eurytheme large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs	1.3	<NONE>	<NONE>	<NONE>



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5152	AF005059	Toxoplasma gondii p97 mRNA, complete cds	0.90	2570049	(Y08701) Pinin [Mus musculus]	1.3
5153	D84307	Human mRNA for phosphoethanolamine cytidyltransferase, complete cds	0.013	<NONE>	<NONE>	<NONE>
5154	D38050	Aspen prxA3a gene for peroxidase, complete cds	0.018	1723942	HYPOTHETICAL 20.8 KD PROTEIN IN COX4-GTS1 INTERGENIC REGION >gi 2131614 pir  S61134 hypothetical protein YGL183c - yeast (Saccharomyces cerevisiae) >gi 1143564 gnl  PI D e199057 (X91489) putative HMG box [Saccharomyces cerevisiae]	0.39
5155	AL010208	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence	0.13	1850115	(Z86089) fadD2 [Mycobacterium tuberculosis]	1.5
5156	U07807	Human metallothionein IV (MTIV) gene, complete cds.	0.004	<NONE>	<NONE>	<NONE>
5157	AF048991	Homo sapiens MutS homolog 5 (MSH5) gene, exons 13 through 25 and complete cds	0.001	3986756	(AF109905) NG23 [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5158	U39079	Schizosaccharomyces pombe ARS binding protein 1	0.50	<NONE>	<NONE>	<NONE>
5159	X01706	Mouse intracisternal A-particle (IAP) gene 62 long terminal repeat (LTR)	0.41	2224713	(AB002384) KIAA0386 [Homo sapiens]	8e-04
5160	AF030558	Rattus norvegicus phosphatidylinositol 5-phosphate 4-kinase gamma mRNA, complete cds	8e-13	<NONE>	<NONE>	<NONE>
5161	L06453	Strongylocentrotus purpuratus (clone C) high mobility group 1 protein (HMG1 homologue) gene, complete cds.	0.33	3914031	BETA-GALACTOSIDE SPECIFIC LECTIN I A CHAIN (MLA) (ML-I A) (RRNA N-GLYCOSIDASE)	0.087
5162	Z68320	Caenorhabditis elegans cosmid W07A12, complete sequence [Caenorhabditis elegans]	0.28	2500558	PUTATIVE RIBONUCLEASE III (RNASE III) >gi 3876420 gnl PI D e 346063 (Z81070) similar to ribonuclease [Caenorhabditis elegans]	2e-25
5163	U40397	Mus musculus serum amyloid A-4 protein (Saa4) gene, complete cds	5e-04	<NONE>	<NONE>	<NONE>
5164	X00367	Chlamydomonas chloroplast DNA region with ARS element 03 (ARS = autonomously replicating sequence)	0.046	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5165	U43838	Glycine max choline kinase GmCK1p mRNA, complete cds	1.2	132918	50S RIBOSOMAL PROTEIN L35, CHLOROPLAST PRECURSOR (CL35) >gi 81486 pir  A36107 ribosomal protein L35 precursor, chloroplast - spinach oleracea]	2.4
5166	U67590	Methanococcus jannaschii section 132 of 150 of the complete genome	0.097	<NONE>	<NONE>	<NONE>
5167	AB006787	Mus musculus mRNA for apoptosis signal-regulating kinase 1, complete cds	0.39	1263187	(U24215) HOMODA hydrolase [Pseudomonas putida] putida]	0.83
5168	U43567	Trypanosoma cruzi kinetoplast maxicircle DNA, clone TRCKPMAX	0.054	<NONE>	<NONE>	<NONE>
5169	U04706	Bos taurus 50 kDa protein (adp50) mRNA, complete cds.	0.0	2498104	ADRENAL MEDULLA 50 KD PROTEIN	8e-83
5170	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	e-137	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir  S40780 translation elongation factor G, mitochondrial - rat >gi 310102	3e-59
5171	U01120	Human glucose-6-phosphatase mRNA, complete cds. >	2e-04	544361	GLUCOSE-6-PHOSPHATASE (G6PASE) (3.1.3.9) - human >gi 452444 (U01120) glucose-6-phosphatase [Homo sapiens]	4e-12

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5172	D87671	Rat mRNA for TIP120, complete cds	e-144	1799570	(D87671) TIP120 [Rattus norvegicus]	3e-69
5173	U22296	Rattus norvegicus casein kinase I gamma 1 isoform mRNA, complete cds	e-120	3024053	CASEIN KINASE I. GAMMA 1 ISOFORM kinase 1 gamma 1 isoform [Rattus norvegicus]	8e-54
5174	Y07648	A.thaliana nit2 gene, nit1 gene and nit3 gene	0.007	2429486	(AF025464) No definition line found [Caenorhabditis elegans]	9.5
5175	AB013721	Oryctolagus cuniculus mRNA for mitsugumin 23, complete cds	3e-91	3628745	(AB013721) mitsugumin 23 [Oryctolagus cuniculus]	0.006
5176	M74069	Saccharomyces cerevisiae endochitinase (CTS1-1) gene, complete cds.	2.5	<NONE>	<NONE>	<NONE>
5177	Z61469	H.sapiens CpG DNA, clone 52h1, forward read cpg52h1.ft1a	1e-77	1184072	(U40766) COL-1 [Meloidogyne incognita]	0.002
5178	AF015043	Homo sapiens EH-binding protein mRNA, partial cds	0.0	2492914	APOLIPOPROTEIN C-IV PRECURSOR cluster E-C1-C2 linked gene [Mus musculus]	3.0
5179	X74560	H.sapiens (clone pS2) sequence	3e-04	3687469	(AL031798) putative diphthine synthase	3e-23
5180	X94768	H.sapiens RP3 gene (XLRP gene 3)	1e-05	<NONE>	<NONE>	<NONE>
5181	X80937	M.musculus mRNA for RIP1 protein	0.48	107750	synapsin Ib - human	3e-04
5182	M12759	Human Ig J chain gene, exons 3 and 4.	0.036	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5183	M30773	Human calcineurin B mRNA, complete cds	0.002	3878494	(Z79602) predicted using Genefinder; Similarity to Yeast hypothetical protein YAE2 gene; cDNA EST EMBL:M88949 comes from this gene	3e-06
5184	U08831	Human immunodeficiency virus type 1, sample 019 from Thailand (E2TH019W.01di1sCD), envelope glycoprotein c2v3 region (env) gene, partial cds.	0.015	<NONE>	<NONE>	<NONE>
5185	Z98303	Human DNA sequence from BAC 140H19 on chromosome Xq24-25. Contains STS	0.005	<NONE>	<NONE>	<NONE>
5186	AE000952	Archaeoglobus fulgidus section 155 of 172 of the complete genome	2e-07	3257245	(AP000003) 571aa long hypothetical oxaloacetate decarboxylase alpha chain [Pyrococcus horikoshii]	5e-08
5187	L48476	Homo sapiens (subclone 3_e10 from P1 H21) DNA sequence.	2e-04	3877439	(Z72510) similarity to yeast UTR3 protein (Swiss Prot accession number P21374); cDNA EST EMBL:D72822 comes from this gene; cDNA EST EMBL:D75763 comes from this gene; cDNA EST yk274e3.3 comes from this gene; cDNA EST	0.19

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					yk274e3....	
5188	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-09	<NONE>	<NONE>	<NONE>
5189	AF055022	Homo sapiens clone 24684 mRNA sequence	e-102	2708743	(AC003952) putative Tal-1-like reverse transcriptase	4.0
5190	AJ009761	Homo sapiens mRNA for putative dimethyladenosine transferase, partial	e-121	4050050	(AF102147) putative dimethyladenosine transferase [Homo sapiens]	8e-48
5191	Y08238	H.pylori clpB gene	0.27	1572756	(U70848) C43G2.1 gene product [Caenorhabditis elegans]	1e-21
5192	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36
5193	J00747	Rat insulin-I (ins-1) gene.	6e-05	4154522	(AE001441) putative [Helicobacter pylori]	3.2
5194	U64454	Human 3' of immunoglobulin heavy chain locus	0.83	281204	gene LF3 protein - human herpesvirus 4 virus]	0.069

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5195	AB002383	Human mRNA for KIAA0385 gene, complete cds	8e-13	2498318	DXS6673E PROTEIN retardation candidate gene [Homo sapiens]	2e-24
5196	M81840	Human NRL gene product mRNA, complete cds.	0.029	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5197	U12523	Rattus norvegicus ultraviolet B radiation-activated UV98 mRNA, partial sequence.	1e-10	3219914	HYPOTHETICAL 16.8 KD PROTEIN C30D10.04 IN CHROMOSOME II >gi 2276353 gnl PI D e330328 pombe]	2e-11
5198	AB017026	Mus musculus mRNA for oxysterol-binding protein, complete cds	0.0	3551523	(AB017026) oxysterol-binding protein	e-120
5199	U83981	Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds	e-119	3258618	(U83981) apoptosis associated protein [Homo sapiens]	7e-26

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5200	U37580	Streptomyces coelicolor phosphotyrosine protein phosphatase (ptpA) gene, putative cystathionine gamma-lyase (cysA) gene, and LysR-like protein gene, complete cds	0.048	2459916	(AF005859) anon2D7 [Drosophila melanogaster]	0.18
5201	D00723	Human mRNA for hydrogen carrier protein, a component of an enzyme complex, glycine synthase (EC 2.1.2.10)	3e-19	<NONE>	<NONE>	<NONE>
5202	X89366	A.thaliana DNA for 40 kDa protein gene	0.025	1209669	(U38810) CAGR1 [Homo sapiens] >gi 3098420 (AF040945) homeotic regulator homolog MAB21 [Mus musculus]	0.008
5203	AF067158	HIV-1 isolate 301905 from India, complete genome	2.4	<NONE>	<NONE>	<NONE>
5204	U09954	Human ribosomal protein L9 gene, 5' region and complete cds.	5e-37	<NONE>	<NONE>	<NONE>
5205	AF029984	Lycopersicon esculentum COP1 homolog (COP1) mRNA, complete cds	7e-37	4090943	(AF029984) COP1 homolog [Lycopersicon esculentum]	2e-49
5206	U43076	Mus musculus cdc37 homolog mRNA, complete cds	2e-17	2655422	(AF035530) CDC37 [Gallus gallus]	2e-22



SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5207	U07745	Lycopersicon esculentum biotin-containing subunit of methylcrotonyl- CoA carboxylase mRNA, partial cds.	4e-32	533707	(U12536) 3- methylcrotonyl- CoA carboxylase precursor	4e-49
5208	X74465	Human papillomavirus type 10 genomic DNA	1.3	3879121	(Z70310) predicted using Genefinder; Similarity to Mouse ankyrin (PIR Acc. No. S37771); cDNA EST EMBL:T01923 comes from this gene; cDNA EST EMBL:D32335 comes from this gene; cDNA EST EMBL:D32723 comes from this gene; cDNA ES... Genefinder; Similarity to M	2e-56
5209	X99261	A.evecta gene encoding blue- light photoreceptor, intron	0.14	2257939	(AF005665) properdin [Homo sapiens]	7.6
5210	M35296	Human tyrosine kinase arg gene mRNA.	1.1	1125781	(U42841) short region of weak similarity to chicken limb deformity protein (PIR:S24286) [Caenorhabditis elegans]	0.61
5211	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a.	e-102	404764	(L10409) fork head related protein [Mus musculus]	1e-16

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5212	X85753	Homo sapiens mRNA for CDK8 protein kinase >:: emb A61243 A61243 Sequence 1 from Patent WO9709432	6e-59	1171821	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 >gi 559499 gnl PI D1192548 (X54253) ND5 protein	9.5
5213	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-61	2136744	endothelin converting enzyme-2 - bovine	3e-29
5214	U63648	Mus musculus p160 myb-binding protein (P160) mRNA, complete cds	4e-58	2645205	(U63648) p160 myb-binding protein [Mus musculus]	2e-34
5215	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-140	2306969	(AF007860) xl-Mago [Xenopus laevis]	3e-76
5216	X80045	O.aries mRNA for acetyl-CoA carboxylase	2e-54	542750	acetyl-CoA carboxylase (EC 6.4.1.2) - human sapiens] >gi 740964 prf 2006242A Ac-CoA carboxylase	8e-10
5217	Z46372	R.norvegicus RNA for DNA topoisomerase II.	e-134	3876360	(Z68315) Similarity to Human MAP kinase phosphatase-1 (SW:PTN7_HUMAN) [Caenorhabditis elegans]	3e-12
5218	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-143	2330011	(AF007862) mm-Mago [Mus musculus] >gi 2909828 (AF035939) similar to mago nashi [Mus musculus] >gi 2909830	7e-81

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5219	Z72521	Human DNA sequence from cosmid N29F4 on chromosome 22q11.2-qter contains STS	6e-04	<NONE>	<NONE>	<NONE>
5220	S74340	{clone E572, estrogen induced gene} [rats, Sprague-Dawley, hypothalamus, mRNA Partial, 130 nt]	4e-29	<NONE>	<NONE>	<NONE>
5221	AL008711	Human DNA sequence from PAC 390N22 on chromosome Xp22.2	0.33	1184707	(U40868) folylpolyglutamate synthetase [Homo sapiens]	7.9
5222	AE000012	Mycoplasma pneumoniae section 12 of 63 of the complete genome	0.15	<NONE>	<NONE>	<NONE>
5223	D78333	Human mRNA for testis-specific TCP20, complete cds	e-113	2501141	T-COMPLEX PROTEIN 1, ZETA-LIKE SUBUNIT (TCP-1-ZETA-LIKE) (CCT-ZETA-LIKE) TCP20 [Homo sapiens]	2e-42
5224	AF042333	Oryza sativa 24-methylene lophenol C24(1)methyltransferase mRNA, complete cds	0.003	3883124	(AF082300) arabinogalactan-protein [Arabidopsis thaliana]	0.006
5225	U15426	Human anonymous mRNA sequence with CCA repeat region.	4e-06	1123105	(U42438) similar to S. cerevisiae longevity-assurance protein 1 (SP:P38703) [Caenorhabditis elegans]	0.34

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5226	AF052497	Homo sapiens clone B18 unknown mRNA	0.003	1144514	(U34781) Antho-LWamidII preprohormone [Anthopleura elegantissima] >gi 1586846 prf 2204411A preprohormone	4.3
5227	D86590	Zinnia elegans mRNA for cinnamyl alcohol dehydrogenase, partial cds	0.13	<NONE>	<NONE>	<NONE>
5228	AF081144	Rattus norvegicus CL1AA mRNA, complete cds	5e-14	1718004	TEGUMENT PROTEIN UL49 HOMOLOG herpesvirus 1] >gi 995634 (Z54206) UL49 [Bovine herpesvirus 1] >gi 2653299 gnl PI D e1187295 (AJ004801) virion protein (tegument) [Bovine herpesvirus type 1.1]	1.4
5229	M63016	Human X chromosome enhancer-like sequence.	6e-04	<NONE>	<NONE>	<NONE>
5230	L24755	Mus musculus bone morphogenetic protein (Bmp-1) mRNA, complete cds.	1.2	<NONE>	<NONE>	<NONE>
5231	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5232	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	1e-22	2136744	endothelin converting enzyme-2 - bovine	2e-09
5233	M81840	Human NRL gene product mRNA, complete cds.	0.030	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5234	AJ000097	Homo sapiens mRNA for EYA1B gene	2.7	3395586	(AL031179) similarity to phosphomannomutases [Schizosaccharomyces pombe]	6e-38
5235	U30788	Rattus norvegicus Tclone4 mRNA	1e-68	3523162	(AF076292) TGF-beta/activin signal transducer FAST-1p	1.4
5236	U88964	Human HEM45 mRNA, complete cds	0.0	2062680	(U88964) HEM45 [Homo sapiens]	7e-77
5237	AF061016	Homo sapiens UDP-glucose dehydrogenase (UGDH) mRNA, complete cds	0.0	3127127	(AF061016) UDP-glucose dehydrogenase [Homo sapiens] dehydrogenase [Homo sapiens]	5e-90
5238	D43921	Mouse AZ1 mRNA for pre-acrosome localization protein, complete cds	3e-15	2137118	acrosomal protein AZ1 - mouse localization protein [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5239	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0.0	3283072	(AF056022) p60 katanin [Homo sapiens]	2e-60
5240	U77949	Human Cdc6-related protein (HsCDC6) mRNA, complete cds	1e-83	<NONE>	<NONE>	<NONE>
5241	AJ005016	Homo sapiens mRNA for putative ABC transporter, partial	0.0	3005931	(AJ005016) ABC transporter [Homo sapiens]	3e-70
5242	X56756	Sheep mRNA for tumor necrosis factor alpha	4.5	<NONE>	<NONE>	<NONE>
5243	AF020833	Homo sapiens eukaryotic translation initiation factor 3 subunit (p42) mRNA, complete cds	0.0	2460200	(AF020833) eukaryotic translation initiation factor 3 subunit [Homo sapiens]	e-158
5244	X69878	H.sapiens Flt4 mRNA for transmembrane tyrosine kinase	4e-43	<NONE>	<NONE>	<NONE>
5245	M27826	Human endogenous retroviral protease mRNA, complete cds.	1e-66	<NONE>	<NONE>	<NONE>
5246	U20285	Human Gps1 (GPS1) mRNA, complete cds	2e-54	644879	(U20285) Gps1 [Homo sapiens]	8e-20
5247	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11 (HYPA) mRNA, partial cds	5e-75	3341990	(AF049528) huntingtin-interacting protein HYPA/FBP11	2e-20

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5248	U87277	Human splicing factor SRp30c gene, exon 1	0.14	267449	HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III >gi 102507 pir S15787 hypothetical protein 1 (cosmid ZK637) – Caenorhabditis elegans Genefinder; cDNA EST yk217b5.3 comes from this gene; cDNA EST yk217b5.5 comes from this gene; cDNA EST yk340g12.3	1e-08
5249	D16919	Human HepG2 3' region cDNA, clone hmd3e06	e-164	3152559	(AC002986) Similarity to A. thaliana gene product F21M12.20, gb AC000132. EST gb Z25651 comes from this gene. [Arabidopsis thaliana]	2e-52
5250	AJ006064	Rattus norvegicus mRNA for coronin-like protein	e-142	3757680	(AJ006064) coronin-like protein [Rattus norvegicus]	5e-73
5251	AB011000	Mus musculus mRNA for choline/ethanolamine kinase, complete cds	1e-18	2780752	(AB006607) choline/ethanolamine kinase	0.001

	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
SEQ ID	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5252	X80169	M.musculus mRNA for 200 kD protein	0.0	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi1083553 pir A55117 tsg24 protein - mouse	e-150



**Table 3** Polynucleotides encoding gene products of a protein family or having a known functional domain(s).

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
3920	393.E10.sp6:148957	7tm_1	531	710	9520	for
2667	172.F10.sp6:133946	7tm_2	45	724	8708	rev
2758	177.C6.sp6:134733	7tm_2	41	697	9828	rev
2933	184.C7.sp6:135556	7tm_2	3	834	8987	for
3129	121.E12.sp6:131940	7tm_2	245	1324	9550	rev
3365	172.A7.sp6:133883	7tm_2	94	761	8743	rev
3418	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3419	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3597	394.G2.sp6:149165	7tm_2	73	793	9209	for
3648	370.C5.sp6:141726	7tm_2	76	770	9269	for
3686	370.B1.sp6:141710	7tm_2	89	662	8791	for
3695	368.A12.sp6:141322	7tm_2	121	719	9015	rev
3696	368.A12.sp6:141322	7tm_2	121	719	9015	rev
4172	219.C10.sp6:139007	7tm_2	46	774	11394	rev
4216	368.D11.sp6:141357	7tm_2	66	775	9384	rev
4228	368.A11.sp6:141321	7tm_2	7	1079	9097	for
4441	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4442	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4482	100.D2.sp6:131459	7tm_2	122	1404	9296	rev
4495	395.B12.sp6:149307	7tm_2	79	1432	10427	rev
4525	90.B4.sp6:130874	7tm_2	4	691	9435	for
4616	100.D5.sp6:131462	7tm_2	655	1349	9255	for
4653	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4654	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4658	100.H6.sp6:131511	7tm_2	119	1035	10001	rev
4659	100.G6.sp6:131499	7tm_2	363	1188	9901	rev
4660	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4661	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4710	367.H9.sp6:141210	7tm_2	143	1266	11883	rev
4755	370.F4.sp6:141761	7tm_2	78	704	8942	for
4856	367.H11.sp6:141212	7tm_2	176	1227	9975	rev
4885	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4900	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4901	123.E10.sp6:132322	7tm_2	210	691	9071	rev
2656	176.H11.sp6:134606	ANK	207	290	4450	for
2555	180.C9.sp6:135947	asp	156	670	6710	for
3632	368.H11.sp6:141405	asp	136	1226	6880	rev
4205	368.B5.sp6:141327	asp	309	806	6073	for
4251	369.D6.sp6:141546	asp	434	1332	6263	rev
4253	396.F9.sp6:149544	asp	97	1106	5999	rev
4261	216.G10.sp6:139247	asp	74	703	6188	rev
4365	122.H12.sp6:132168	asp	152	1040	6183	rev
4498	80.H6.sp6:130297	asp	61	418	5944	rev
4664	172.E5.sp6:133929	asp	219	976	6434	for
4718	185.D9.sp6:135762	asp	31	872	5944	rev
4733	185.D9.sp6:135762	asp	31	872	5944	rev
4746	176.B10.sp6:134533	asp	253	1446	6079	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4822	177.F3.sp6:134766	asp	0	894	6336	rev
4854	184.F11.sp6:135596	asp	61	737	6416	rev
4856	367.H11.sp6:141212	asp	81	1187	6182	rev
4929	180.E6.sp6:135968	asp	81	706	6150	for
4931	180.E6.sp6:135968	asp	81	706	6150	for
2723	180.F2.sp6:135976	ATPases	135	627	11664	for
2842	217.H11.sp6:139452	ATPases	2	701	5972	for
3019	216.B1.sp6:139178	ATPases	170	616	6150	for
3046	121.B8.sp6:131900	ATPases	13	635	5867	rev
3190	80.D2.sp6:130245	ATPases	13	386	6068	for
3290	176.C6.sp6:134541	ATPases	85	579	5883	for
3670	369.C10.sp6:141538	ATPases	329	730	6206	for
3998	394.H8.sp6:149183	ATPases	21	571	5954	rev
4119	218.F11.sp6:138852	ATPases	313	816	6057	for
4159	219.A7.sp6:138980	ATPases	88	662	6145	for
4223	368.F9.sp6:141379	ATPases	178	648	5937	for
4384	181.G11.sp6:135354	ATPases	362	769	5900	rev
4473	369.B4.sp6:141520	ATPases	4	412	14130	for
4540	218.C8.sp6:138813	ATPases	12	576	5782	rev
4560	404.G6.sp6:162933	ATPases	86	605	6001	rev
4689	367.H8.sp6:141209	ATPases	17	476	5905	rev
4785	184.E5.sp6:135578	ATPases	184	632	5943	for
4792	184.C6.sp6:135555	ATPases	333	813	5773	for
4847	184.B11.sp6:135548	ATPases	14	498	6140	for
5041	377.C1.sp6:141918	ATPases	4	655	5933	for
3404	176.F10.sp6:134581	Bcl-2	69	356	16419	for
4036	367.F5.sp6:141182	bromodomain	40	210	8810	for
4489	369.D3.sp6:141543	bromodomain	63	230	10270	for
3408	172.E1.sp6:133925	BZIP	146	298	4066	for
3951	393.G5.sp6:148976	BZIP	116	304	5931	for
4850	172.E9.sp6:133933	BZIP	91	260	4366	for
3618	370.B12.sp6:141721	cyclin	118	324	8980	for
3895	395.G6.sp6:149361	cyclin	11	281	6930	for
4536	395.G8.sp6:149363	cyclin	12	279	5950	for
4455	99.F5.sp6:131294	Cys-protease	72	348	18479	for
4684	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4688	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4801	177.E4.sp6:134755	Cys-protease	48	326	19999	for
4659	100.G6.sp6:131499	DAG_PE_bind	605	702	6290	rev
4821	377.C8.sp6:141925	Dead_box_helic	172	828	7867	rev
5083	216.A1.sp6:139166	Dead_box_helic	44	589	26532	for
2734	177.G4.sp6:134779	EFhand	79	153	3780	for
2893	185.A1.sp6:135718	EFhand	287	358	2580	rev
3775	377.A5.sp6:141898	EFhand	477	563	3010	for
4056	367.B7.sp6:141136	EFhand	225	272	2500	rev
4152	218.B10.sp6:138803	EFhand	40	114	2640	rev
4153	218.B10.sp6:138803	EFhand	40	114	2640	rev
4154	218.C10.sp6:138815	EFhand	39	113	2640	rev
4905	393.H12.sp6:148995	EFhand	145	231	4640	for
4943	219.A9.sp6:138982	EFhand	685	750	2550	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
2849	218.B5.sp6:138798	Ets_Nterm	340	531	10400	for
2728	180.A2.sp6:135916	FNtypell	291	423	6400	rev
3018	216.C1.sp6:139190	FNtypell	501	634	6460	for
4496	218.G1.sp6:138854	FNtypell	20	141	6180	rev
4914	393.H8.sp6:148991	FNtypell	448	576	6110	for
2504	181.C3.sp6:135298	G-alpha	66	715	8084	rev
3290	176.C6.sp6:134541	G-alpha	62	690	9062	for
4288	121.B4.sp6:131896	G-alpha	46	447	21415	for
4444	217.D12.sp6:139405	G-alpha	15	702	40404	for
4562	404.B7.sp6:162874	G-alpha	120	682	8424	for
2503	180.A11.sp6:135925	helicase_C	165	479	4494	for
4469	369.C4.sp6:141532	helicase_C	559	756	3732	rev
5020	185.D12.sp6:135765	helicase_C	381	534	5000	for
4241	396.H8.sp6:149567	homeobox	80	230	5170	for
2550	180.E5.sp6:135967	mkk	342	612	5791	for
3407	172.F1.sp6:133937	mkk	94	669	5688	rev
3451	123.A2.sp6:132266	mkk	26	378	7889	for
3600	394.B3.sp6:149106	mkk	32	782	9544	for
3646	370.H4.sp6:141785	mkk	18	307	9394	for
3680	369.G11.sp6:141587	mkk	182	725	5375	for
4175	219.H10.sp6:139067	mkk	280	723	15454	for
4205	368.B5.sp6:141327	mkk	249	725	5502	for
4278	181.C9.sp6:135304	mkk	168	880	5551	rev
4322	121.F6.sp6:131946	mkk	111	730	5399	for
4777	177.E2.sp6:134753	mkk	288	636	5720	rev
4482	100.D2.sp6:131459	PDEase	849	1195	5945	for
2578	181.H11.sp6:135366	protkinase	116	710	5531	for
2712	177.G7.sp6:134782	protkinase	6	511	5445	for
2835	218.C1.sp6:138806	protkinase	127	747	5492	for
2843	218.E1.sp6:138830	protkinase	64	726	5592	rev
2971	217.F4.sp6:139421	protkinase	83	702	5818	rev
3009	217.A4.sp6:139361	protkinase	57	682	5395	rev
3084	121.E2.sp6:131930	protkinase	69	658	5593	rev
3226	100.D8.sp6:131465	protkinase	174	620	5453	for
3274	100.C3.sp6:131448	protkinase	228	736	5616	for
3356	172.B5.sp6:133893	protkinase	148	715	5381	for
3377	172.B6.sp6:133894	protkinase	119	775	5616	for
3451	123.A2.sp6:132266	protkinase	24	384	9797	for
3600	394.B3.sp6:149106	protkinase	357	780	11395	for
3635	377.G11.sp6:141976	protkinase	117	739	5992	for
3646	370.H4.sp6:141785	protkinase	24	275	8338	for
3665	370.F2.sp6:141759	protkinase	33	800	5658	for
3669	369.B10.sp6:141526	protkinase	1	482	5504	rev
3700	369.D2.sp6:141542	protkinase	28	661	5428	for
3710	369.G6.sp6:141582	protkinase	71	631	5751	for
3791	396.C11.sp6:149510	protkinase	27	709	5793	rev
3905	393.H7.sp6:148990	protkinase	88	680	5470	rev
3919	393.D10.sp6:148945	protkinase	72	594	5617	for
4044	367.G4.sp6:141193	protkinase	30	699	5439	for
4072	368.B2.sp6:141324	protkinase	44	800	5556	for

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4117	218.D11.sp6:138828	protkinase	38	781	6423	for
4175	219.H10.sp6:139067	protkinase	277	717	15720	for
4373	216.E5.sp6:139218	protkinase	115	710	5537	for
4569	100.C10.sp6:131455	protkinase	56	783	5556	rev
4755	370.F4.sp6:141761	protkinase	39	803	5635	for
4760	370.F3.sp6:141760	protkinase	188	775	5771	for
4807	184.H3.sp6:135612	protkinase	23	699	5515	for
5059	180.B5.sp6:135931	protkinase	182	671	5718	rev
5102	393.F4.sp6:148963	protkinase	28	650	5345	for
3671	369.D10.sp6:141550	ras	12	332	9802	for
3936	393.A3.sp6:148902	Thioredox	0	263	5887	rev
3927	393.F11.sp6:148970	TNFR_c6	151	261	6445	for
2956	184.E10.sp6:135583	transmembrane4	19	483	8339	rev
2981	217.E6.sp6:139411	transmembrane4	83	728	8417	for
3836	396.C9.sp6:149508	transmembrane4	300	924	9444	rev
4038	367.A6.sp6:141123	transmembrane4	32	495	8407	rev
4364	123.A1.sp6:132265	transmembrane4	1289	1548	8114	rev
4406	122.C1.sp6:132097	transmembrane4	6	535	8122	for
4431	122.E4.sp6:132124	transmembrane4	10	530	8829	for
4441	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4442	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4653	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4654	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4710	367.H9.sp6:141210	transmembrane4	398	1130	8352	rev
4944	180.H7.sp6:136005	transmembrane4	356	983	8356	rev
3381	176.D9.sp6:134556	trypsin	164	764	9670	rev
4684	180.D1.sp6:135951	trypsin	371	1229	10479	rev
4688	180.D1.sp6:135951	trypsin	371	1229	10479	rev
2754	177.H6.sp6:134793	WD_domain	345	437	6510	for
3046	121.B8.sp6:131900	WD_domain	98	193	6400	for
3227	100.B10.sp6:131443	WD_domain	544	642	6590	for
4243	121.A8.sp6:131888	WD_domain	93	188	6400	for
5046	185.F10.sp6:135787	WD_domain	382	480	5880	for
3129	121.E12.sp6:131940	Wnt_dev_sign	101	821	12160	rev
3173	99.G6.sp6:131307	Wnt_dev_sign	49	880	12334	rev
3390	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3391	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3656	370.G6.sp6:141775	Wnt_dev_sign	211	785	11490	rev
3836	396.C9.sp6:149508	Wnt_dev_sign	282	1017	12318	rev
4253	396.F9.sp6:149544	Wnt_dev_sign	482	1298	11217	rev
4330	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4359	123.B2.sp6:132278	Wnt_dev_sign	538	1435	11785	for
4364	123.A1.sp6:132265	Wnt_dev_sign	760	1544	12660	rev
4375	122.G10.sp6:132154	Wnt_dev_sign	29	884	11603	rev
4385	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4409	121.F12.sp6:131952	Wnt_dev_sign	9	734	11167	rev
4441	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4442	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4535	395.F10.sp6:149353	Wnt_dev_sign	100	907	11535	rev
4586	123.A4.sp6:132268	Wnt_dev_sign	80	1122	11249	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4605	404.D5.sp6:162896	Wnt_dev_sign	31	816	11304	rev
4653	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4654	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4665	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4668	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4682	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4710	367.H9.sp6:141210	Wnt_dev_sign	692	1481	12886	rev
4718	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4724	377.D2.sp6:141931	Wnt_dev_sign	400	1227	11044	rev
4733	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4856	367.H11.sp6:141212	Wnt_dev_sign	295	1669	13366	rev
4866	377.D4.sp6:141933	Wnt_dev_sign	549	1380	14522	rev
4925	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
4959	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
3409	172.D1.sp6:133913	Y_phosphatase	476	804	6932	for
3418	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3419	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3657	370.H6.sp6:141787	Y_phosphatase	148	554	6481	for
3804	404.B10.sp6:162877	Y_phosphatase	104	466	6446	rev
3806	404.D10.sp6:162901	Y_phosphatase	9	614	6516	for
3974	395.F2.sp6:149345	Y_phosphatase	164	645	6093	rev
4238	121.E9.sp6:131937	Y_phosphatase	240	777	6147	rev
4263	216.F10.sp6:139235	Y_phosphatase	21	504	6342	for
4343	122.E9.sp6:132129	Y_phosphatase	381	807	6036	rev
4363	123.B1.sp6:132277	Y_phosphatase	61	510	6229	rev
4434	219.F4.sp6:139037	Y_phosphatase	2	261	10353	for
4473	369.B4.sp6:141520	Y_phosphatase	231	768	6110	rev
4629	404.E11.sp6:162914	Y_phosphatase	580	920	6005	rev
5094	217.A3.sp6:139360	Y_phosphatase	263	622	6222	rev
2738	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2760	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2832	218.B2.sp6:138795	Zincfing_C2H2	94	156	4940	for
3736	377.H8.sp6:141985	Zincfing_C2H2	495	557	4850	for
3762	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
3763	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
4794	377.G4.sp6:141969	Zincfing_C2H2	247	308	3930	for
5090	185.C4.sp6:135745	Zincfing_C2H2	238	300	4540	for
3774	377.E4.sp6:141945	Zincfing_C3HC4	128	244	9335	for
4477	181.E3.sp6:135322	Zincfing_C3HC4	321	445	8221	for

**Table 19. Polynucleotides Specifically Expressed in Colon**

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
3	RTA00000197AF.e.24.1	39250	2	0	0	0	0	0	0	0
7	RTA00000197AR.e.12.1	22095	1	0	0	0	0	0	0	0
16	RTA00000196AF.e.16.1	39252	2	0	0	0	0	0	0	0
18	RTA00000196AF.c.17.1	39602	2	0	0	0	0	0	0	0
21	RTA00000131A.g.19.2	36535	2	0	0	0	0	0	0	0
22	RTA00000187AR.o.10.2	8984	4	3	0	0	0	2	0	0
23	RTA00000198R.b.08.1	22636	3	0	0	0	0	0	0	0
26	RTA00000200R.g.09.1	22785	3	0	0	0	0	0	0	0
29	RTA00000200AF.b.19.1	22847	3	0	0	0	0	0	0	0
31	RTA00000200F.m.15.1	22601	3	0	0	0	1	0	0	0
37	RTA00000181AF.n.15.2	86128	1	0	0	0	0	0	0	0
38	RTA00000196R.k.07.1	22443	2	0	0	0	0	0	0	1
40	RTA00000200AR.e.02.1	36059	2	0	0	0	1	1	1	0
48	RTA00000177AR.a.23.5	6995	4	2	0	0	0	0	0	0
49	RTA00000198R.o.05.1	26702	2	0	0	0	0	0	0	0
50	RTA00000201R.a.02.1	35362	2	0	0	0	0	0	0	0
61	RTA00000197AF.h.11.1	22264	3	0	0	0	0	0	0	0
66	RTA00000199F.c.09.2	16824	3	1	0	0	0	0	0	0
75	RTA00000180AR.h.19.2	84182	1	0	0	0	0	0	0	0
78	RTA00000199R.f.09.1	22907	3	0	0	0	0	0	0	0
79	RTA00000199AF.p.4.1	10282	3	3	0	0	0	0	0	0
85	RTA00000200R.o.03.1	22807	3	0	0	0	0	0	0	0
86	RTA00000189AF.l.22.1	33333	1	1	0	0	0	0	0	0
87	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
92	RTA00000198AF.j.18.1	22759	3	0	0	0	0	0	0	0
95	RTA00000180AF.g.3.1	9024	5	2	0	0	0	0	0	0
102	RTA00000199R.j.08.1	37844	2	0	0	0	0	0	0	0
103	RTA00000199F.e.10.1	22906	3	0	0	0	0	0	1	0
105	RTA00000179AF.g.12.3	36390	2	0	0	0	0	0	0	0
108	RTA00000183AR.h.23.2	18957	3	0	0	0	0	0	0	0
109	RTA00000197AF.d.12.1	39546	2	0	0	0	0	0	0	0
116	RTA00000181AR.k.24.3	7005	8	2	0	0	0	0	0	0
119	RTA00000181AR.k.24.2	7005	8	2	0	0	0	0	0	0
124	RTA00000199AR.m.06.1	19122	3	0	0	0	0	0	0	0
129	RTA00000134A.d.10.1	18957	3	0	0	0	0	0	0	0
137	RTA00000181AF.m.4.3	13238	4	1	0	0	0	0	0	0
141	RTA00000196AF.c.6.1	23148	3	0	0	0	0	0	0	0
142	RTA00000198AF.k.19.1	75879	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
143	RTA00000199R.h.09.1	76020	1	0	0	0	0	0	0	0
144	RTA00000198AF.o.18.1	13018	4	0	0	0	1	0	0	0
148	RTA00000199F.h.17.2	36254	2	0	0	0	0	0	0	0
149	RTA00000181AR.h.06.3	87226	1	0	0	0	0	0	0	0
166	RTA00000198AF.f.21.1	22676	3	0	0	0	0	0	0	0
173	RTA00000200AR.b.07.1	17125	4	0	0	0	0	0	0	0
178	RTA00000200F.o.03.1	22807	3	0	0	0	0	0	0	0
180	RTA00000199AF.j.12.1	22461	3	0	0	0	0	0	0	0
185	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
194	RTA00000200R.k.01.1	40049	2	0	0	0	0	0	0	0
195	RTA00000198AF.c.10.1	77149	1	0	0	0	0	0	0	0
198	RTA00000197AR.e.07.1	86969	1	0	0	0	0	0	0	0
199	RTA00000199R.c.09.1	16824	3	1	0	0	0	0	0	0
206	RTA00000181AF.o.04.2	22205	3	0	0	0	0	0	0	0
207	RTA00000199AF.l.19.1	22460	3	0	0	0	0	0	0	0
208	RTA00000198AF.h.22.1	22366	2	1	0	0	0	0	0	0
211	RTA00000199AF.m.15.1	10101	3	0	0	0	0	0	0	0
212	RTA00000197AF.j.9.1	13236	4	1	0	0	0	0	0	0
230	RTA00000185AR.b.18.1	12171	3	2	0	0	0	0	0	0
235	RTA00000201AF.a.02.1	35362	2	0	0	0	0	0	0	0
236	RTA00000183AR.h.23.1	18957	3	0	0	0	0	0	0	0
238	RTA00000187AR.k.12.1	78415	1	0	0	0	0	0	0	0
242	RTA00000198AF.m.17.1	77992	1	0	0	0	0	0	0	0
243	RTA00000181AF.m.15.3	12081	4	0	0	0	0	0	0	0
248	RTA00000198R.c.14.1	39814	2	0	0	0	0	0	0	0
249	RTA00000200R.o.03.2	22807	3	0	0	0	0	0	0	0
251	RTA00000192AF.n.13.1	8210	2	6	0	0	0	0	0	0
256	RTA00000184AR.e.15.1	16347	4	0	0	0	0	0	0	0
260	RTA00000198R.m.17.1	77992	1	0	0	0	0	0	0	0
270	RTA00000178R.l.08.1	39648	2	0	0	0	0	0	0	0
278	RTA00000198AF.p.16.1	71877	1	0	0	0	0	0	0	0
280	RTA00000193AF.b.18.1	7542	8	0	0	2	1	0	1	0
284	RTA00000199F.d.10.2	22049	3	0	0	0	0	0	0	0
287	RTA00000200AF.b.07.1	17125	4	0	0	0	0	0	0	0
288	RTA00000181AR.i.06.3	19119	3	0	0	0	0	0	0	0
289	RTA00000196F.k.07.1	22443	2	0	0	0	0	0	0	1
294	RTA00000198AF.k.23.1	8995	2	5	0	0	0	0	0	0
296	RTA00000196AF.f.20.1	22774	3	0	0	0	0	0	0	0
300	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
302	RTA00000186AF.d.1.2	40044	2	0	0	1	0	0	0	0
307	RTA00000200F.n.05.2	18989	3	0	0	0	0	0	0	0
308	RTA00000178AF.j.20.1	15066	4	0	0	0	0	0	0	0
310	RTA00000188AF.m.08.1	22155	3	0	0	0	0	0	0	0
315	RTA00000199R.d.23.1	37477	2	0	0	0	0	0	0	0
319	RTA00000200F.n.05.1	18989	3	0	0	0	0	0	0	0
320	RTA00000196AF.m.13.1	16290	4	0	0	0	0	0	0	0
325	RTA00000182AF.d.18.4	37435	2	0	0	0	0	0	0	0
328	RTA00000200AF.g.09.1	22785	3	0	0	0	0	0	0	0
330	RTA00000177AR.m.17.4	14391	3	1	0	0	0	0	0	0
331	RTA00000197AR.c.20.1	16282	4	0	0	0	0	0	0	0
337	RTA00000177AR.m.17.3	14391	3	1	0	0	0	0	0	0
342	RTA00000196AF.d.10.1	22256	3	0	0	0	0	0	0	0
343	RTA00000201F.a.18.1	16837	2	2	0	0	0	0	0	0
344	RTA00000198AF.o.02.1	68756	1	0	0	0	0	0	0	0
345	RTA00000187AF.h.21.1	39171	2	0	0	0	0	0	0	0
347	RTA00000199F.b.03.2	38340	2	0	0	0	0	0	0	0
358	RTA00000198AF.g.7.1	13386	3	2	0	0	0	0	0	0
362	RTA00000197AR.c.24.1	82498	1	0	0	0	0	0	0	0
371	RTA00000197F.e.7.1	86969	1	0	0	0	0	0	0	0
378	RTA00000181AF.k.24.3	7005	8	2	0	0	0	0	0	0
382	RTA00000200AF.j.6.1	22902	3	0	0	0	0	0	0	0
384	RTA00000196AF.h.17.1	39215	2	0	0	0	0	0	0	0
392	RTA00000185AF.b.11.2	9024	5	2	0	0	0	0	0	0
397	RTA00000198AF.b.22.1	38956	2	0	0	0	0	0	0	0
399	RTA00000186AF.m.15.2	40122	2	0	0	0	0	0	0	0
406	RTA00000199F.f.09.2	22907	3	0	0	0	0	0	0	0
408	RTA00000183AR.l.15.1	39383	2	0	0	0	0	0	0	0
413	RTA00000200F.a.12.1	16751	4	0	0	0	0	0	0	0
416	RTA00000199F.a.5.1	22134	3	0	0	0	0	0	0	0
418	RTA00000187AR.k.01.1	78356	1	0	0	0	0	0	0	0
424	RTA00000187AR.j.24.1	78356	1	0	0	0	0	0	0	0
426	RTA00000199AF.o.19.1	36927	2	0	0	0	0	0	0	0
429	RTA00000196F.i.19.1	39498	2	0	0	0	0	0	0	0
430	RTA00000198R.k.23.1	8995	2	5	0	0	0	0	0	0
432	RTA00000198AF.o.05.1	26702	2	0	0	0	0	0	0	0
433	RTA00000198R.j.18.1	22759	3	0	0	0	0	0	0	0
435	RTA00000182AR.c.22.1	16283	3	0	0	0	0	0	0	0
438	RTA00000180AR.g.03.4	9024	5	2	0	0	0	0	0	0



SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
451	RTA00000200AF.b.20.1	40403	2	0	0	0	0	0	0	0
455	RTA00000198AF.d.12.1	21142	2	1	0	0	0	0	0	0
456	RTA00000200AF.b.12.1	22053	3	0	0	0	0	0	0	0
457	RTA00000191AR.l.7.2	14391	3	1	0	0	0	0	0	0
461	RTA00000190AF.e.13.1	38961	2	0	0	0	0	0	0	0
462	RTA00000196AF.n.17.1	12477	4	1	0	0	0	0	0	0
467	RTA00000195AF.b.19.1	77678	1	0	0	0	0	0	0	0
475	RTA00000187AR.m.3.3	17055	4	0	0	0	0	0	0	0
476	RTA00000200R.g.15.1	22898	3	0	0	0	0	0	0	0
482	RTA00000187AF.j.7.1	78091	1	0	0	0	0	0	0	0
485	RTA00000196AF.c.14.1	23105	3	0	0	0	0	0	0	0
486	RTA00000190AR.p.22.2	16368	4	0	0	0	0	0	0	0
492	RTA00000198AF.b.8.1	22636	3	0	0	0	0	0	0	0
493	RTA00000177AF.m.17.1	14391	3	1	0	0	0	0	0	0
494	RTA00000200AF.k.1.1	40049	2	0	0	0	0	0	0	0
498	RTA00000190AF.h.12.1	12977	5	0	0	0	0	0	0	0
499	RTA00000199F.b.22.2	17018	4	0	0	0	0	0	0	0
508	RTA00000187AF.i.14.2	19406	2	1	0	0	0	0	0	0
511	RTA00000196AF.g.10.1	12498	3	1	1	0	0	0	0	0
517	RTA00000184AF.e.14.1	16347	4	0	0	0	0	0	0	0
522	RTA00000178AR.h.17.2	23824	2	1	0	0	0	0	0	0
531	RTA00000195F.a.3.1	27179	2	0	0	0	0	0	0	0
544	RTA00000196F.j.13.1	23170	3	0	0	0	0	0	0	0
547	RTA00000196AF.g.8.1	39665	2	0	0	0	0	0	0	0
549	RTA00000198AF.c.16.1	26801	2	0	0	0	0	0	0	0
553	RTA00000201F.b.22.1	35728	2	0	0	0	0	0	0	1
559	RTA00000197AF.p.20.1	22795	3	0	0	0	0	0	0	0
563	RTA00000192AR.o.16.2	9061	5	2	0	0	0	0	0	0
565	RTA00000191AF.c.10.1	40422	2	0	0	0	0	0	0	0
568	RTA00000196AF.p.01.2	87143	1	0	0	0	0	0	0	0
578	RTA00000180AF.g.17.1	16653	3	1	0	0	0	0	0	0
583	RTA00000190AR.h.12.2	12977	5	0	0	0	0	0	0	0
585	RTA00000198AF.n.18.1	16715	3	1	0	0	0	0	0	0
586	RTA00000199R.o.11.1	23172	3	0	0	0	0	0	0	0
588	RTA00000191AF.b.4.1	14936	3	0	0	0	0	0	0	0
589	RTA00000192AF.l.1.1	16392	3	0	0	0	0	0	0	0
593	RTA00000196R.c.14.2	23105	3	0	0	0	0	0	0	0
595	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
602	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
612	RTA00000197AR.e.22.1	78758	1	0	0	0	0	0	0	0
615	RTA00000197R.p.20.1	22795	3	0	0	0	0	0	0	0
618	RTA00000192AF.a.14.1	6874	6	3	0	0	1	0	0	0
623	RTA00000198R.b.24.1	19047	3	0	0	0	0	0	0	0
627	RTA00000199F.h.15.2	22269	3	0	0	0	0	0	0	0
628	RTA00000198AF.g.16.1	6602	1	1	0	0	0	0	0	0
634	RTA00000192AF.j.6.1	11494	4	0	0	0	0	0	0	0
635	RTA00000181AF.p.7.3	38773	2	0	0	0	0	0	0	0
637	RTA00000200AF.g.15.1	22898	3	0	0	0	0	0	0	0
643	RTA00000184AF.c.9.1	16245	4	0	0	0	0	0	0	0
645	RTA00000177AF.k.9.1	16245	4	0	0	0	0	0	0	0
649	RTA00000190AR.l.19.2	88204	1	0	0	0	0	0	0	0
662	RTA00000201R.a.15.1	57347	1	0	0	0	0	0	0	0
664	RTA00000195R.a.23.1	86432	1	0	0	0	0	0	0	0
670	RTA00000186AF.p.17.3	38383	2	0	0	0	0	0	0	0
674	RTA00000197AR.e.24.1	39250	2	0	0	0	0	0	0	0
683	RTA00000187AR.j.01.1	79028	1	0	0	0	0	0	0	0
686	RTA00000201F.f.07.1	51116	1	0	0	0	0	0	0	0
694	RTA00000201R.c.19.1	22357	2	1	0	0	0	0	0	0
702	RTA00000177AR.b.8.5	17062	3	0	0	0	0	0	0	0
712	RTA00000201F.b.21.1	9071	3	4	0	0	0	0	0	0
717	RTA00000200F.o.10.2	36432	2	0	0	0	0	0	0	0
718	RTA00000196F.l.14.2	23144	3	0	0	0	0	0	0	0
725	RTA00000197AF.b.1.1	12134	1	1	0	0	0	0	0	0
733	RTA00000200AF.d.20.1	26600	2	0	0	0	0	0	0	0
743	RTA00000178AF.k.9.1	16342	3	0	0	0	0	0	0	0
748	RTA00000198AF.b.24.1	19047	3	0	0	0	0	0	0	0
757	RTA00000406F.d.16.1	15040	2	2	0	0	0	0	0	0
760	RTA00000408F.o.12.2	78578	1	0	0	0	0	0	0	0
761	RTA00000119A.j.15.1	79623	1	0	0	0	0	0	0	0
762	RTA00000413F.d.12.1	66467	1	0	0	0	0	0	0	0
763	RTA00000423F.i.12.1	9118	4	3	0	0	0	0	0	0
766	RTA00000411F.k.05.1	64777	1	0	0	0	0	0	0	0
769	RTA00000419F.b.09.1	78128	1	0	0	0	0	0	0	0
772	RTA00000411F.m.15.1	78014	1	0	0	0	0	0	0	0
774	RTA00000123A.k.23.1	80313	1	0	0	0	0	0	0	0
777	RTA00000130A.m.15.1	81630	1	0	0	0	0	0	0	0
778	RTA00000411F.k.20.1	64973	1	0	0	0	0	0	0	0
780	RTA00000418F.k.05.1	73021	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
781	RTA00000423F.h.18.1	37972	2	0	0	0	0	0	0	0
783	RTA00000422F.p.06.2	39282	2	0	0	0	0	0	0	0
784	RTA00000404F.n.16.2	39095	2	0	0	0	0	0	0	0
785	RTA00000411F.m.24.1	77568	1	0	0	0	0	0	0	0
786	RTA00000134A.j.10.1	81383	1	0	0	0	0	0	0	0
787	RTA00000409F.j.02.1	76417	1	0	0	0	0	0	0	0
788	RTA00000403F.j.15.1	23840	2	1	0	0	0	0	0	0
789	RTA00000411F.n.11.1	77276	1	0	0	0	0	0	0	0
790	RTA00000339F.i.13.1	5970	6	4	0	0	0	0	0	0
792	RTA00000406F.o.15.1	37482	2	0	0	0	0	0	0	0
793	RTA00000412F.g.04.2	64457	1	0	0	0	0	0	0	0
795	RTA00000352R.l.06.1	40343	2	0	0	0	0	0	0	0
796	RTA00000419F.b.12.1	63148	1	0	0	0	0	0	0	0
797	RTA00000423F.k.17.2	37512	2	0	0	0	0	0	0	0
799	RTA00000418F.k.14.1	76133	1	0	0	0	0	1	0	0
800	RTA00000409F.l.12.1	26755	1	0	0	0	0	0	0	0
801	RTA00000404F.c.20.1	39088	2	0	0	0	0	0	1	0
802	RTA00000423F.g.09.1	38958	2	0	0	0	0	0	0	0
804	RTA00000406F.d.12.1	38575	2	0	0	0	0	0	0	0
805	RTA00000411F.f.02.1	63386	1	0	0	0	0	0	0	0
806	RTA00000129A.n.21.1	79381	1	0	0	0	0	0	0	0
807	RTA00000409F.m.12.1	73490	1	0	0	0	0	0	0	0
808	RTA00000410F.c.04.1	74099	1	0	0	0	0	0	0	0
810	RTA00000406F.m.09.1	26891	2	0	0	0	0	0	0	0
811	RTA00000411F.b.06.1	77884	1	0	0	0	0	0	0	0
812	RTA00000409F.l.21.1	73143	1	0	0	0	0	0	0	0
818	RTA00000404F.l.20.2	38638	2	0	0	0	0	0	0	0
819	RTA00000413F.d.18.1	65305	1	0	0	0	0	0	0	0
820	RTA00000404F.p.04.2	39069	2	0	0	0	0	0	0	0
821	RTA00000405F.g.19.2	37150	2	0	0	0	0	0	0	0
822	RTA00000409F.a.22.1	75200	1	0	0	0	0	0	0	0
824	RTA00000405F.o.18.1	11016	4	2	0	0	0	0	0	0
829	RTA00000408F.e.22.2	26930	1	0	0	0	0	0	0	0
831	RTA00000413F.d.16.1	63331	1	0	0	0	0	0	0	0
834	RTA00000419F.g.08.1	66700	1	0	0	0	0	0	0	0
835	RTA00000122A.g.16.1	81366	1	0	0	0	0	0	0	0
836	RTA00000419F.c.16.1	65254	1	0	0	0	0	0	0	0
837	RTA00000411F.b.03.1	23634	1	2	0	0	0	0	0	0
842	RTA00000403F.l.20.1	18267	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
845	RTA00000411F.a.02.1	78537	1	0	0	0	0	0	0	0
847	RTA00000412F.l.04.1	66372	1	0	0	0	0	0	0	0
849	RTA00000406F.a.23.1	38712	2	0	0	0	0	0	0	0
851	RTA00000120A.n.19.3	80004	1	0	0	0	0	0	0	0
852	RTA00000403F.e.01.1	38965	2	0	0	0	0	0	0	0
853	RTA00000411F.l.03.1	62702	1	0	0	0	0	0	0	0
856	RTA00000121A.m.2.1	81064	1	0	0	0	0	0	0	0
858	RTA00000418F.j.12.1	73316	1	0	0	0	0	0	0	0
862	RTA00000125A.g.16.1	21497	2	1	0	0	0	0	0	0
863	RTA00000418F.o.18.1	78676	1	0	0	0	0	0	0	0
865	RTA00000408F.k.14.1	73856	1	0	0	0	0	0	0	0
871	RTA00000403F.o.15.1	39140	2	0	0	0	0	0	0	0
872	RTA00000341F.m.13.1	26502	1	0	0	0	0	0	0	0
873	RTA00000408F.h.03.1	78382	1	0	0	0	0	0	0	0
874	RTA00000423F.k.05.1	37472	2	0	0	0	0	0	0	0
876	RTA00000418F.p.19.1	78544	1	0	0	0	0	0	0	0
877	RTA00000420F.f.06.1	64812	1	0	0	0	0	0	0	0
878	RTA00000122A.j.18.1	81317	1	0	0	0	0	0	0	0
879	RTA00000420F.d.05.1	64432	1	0	0	0	0	0	0	0
880	RTA00000403F.m.18.1	39185	2	0	0	0	0	0	0	0
882	RTA00000411F.j.05.1	40709	1	1	0	0	0	0	0	0
883	RTA00000403F.a.04.1	23529	2	1	0	0	0	0	0	0
885	RTA00000406F.f.12.1	21895	2	1	0	0	0	0	0	0
886	RTA00000418F.g.22.1	74837	1	0	0	0	0	0	0	0
888	RTA00000404F.l.20.1	38638	2	0	0	0	0	0	0	0
889	RTA00000408F.i.08.2	75811	1	0	0	0	0	0	0	0
890	RTA00000122A.d.5.1	81155	1	0	0	0	0	0	0	0
894	RTA00000419F.b.19.1	65534	1	0	0	0	0	0	0	0
896	RTA00000418F.k.19.1	74932	1	0	0	0	0	0	0	0
900	RTA00000419F.g.12.1	66171	1	0	0	0	0	0	0	0
901	RTA00000404F.n.11.2	38001	2	0	0	0	0	0	0	0
904	RTA00000419F.o.24.1	65092	1	0	0	0	0	0	0	0
905	RTA00000419F.k.19.1	75447	1	0	0	0	0	0	0	0
907	RTA00000127A.i.20.1	81418	1	0	0	0	0	0	0	0
908	RTA00000422F.g.22.1	22561	3	0	0	0	0	0	0	0
910	RTA00000413F.h.13.1	65190	1	0	0	0	0	0	0	0
913	RTA00000348R.j.16.1	7005	8	2	0	0	0	0	0	0
916	RTA00000418F.n.22.1	79062	1	0	0	0	0	0	0	0
917	RTA00000406F.l.08.1	39016	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
920	RTA00000409F.j.07.1	75190	1	0	0	0	0	0	0	0
923	RTA00000411F.e.22.1	63638	1	0	0	0	0	0	0	0
924	RTA00000347F.a.17.1	16723	3	1	0	0	0	0	0	0
926	RTA00000404F.n.20.1	26865	2	0	0	0	0	0	0	0
929	RTA00000404F.b.02.1	38984	2	0	0	0	0	0	0	0
931	RTA00000403F.b.10.1	73268	1	0	0	0	0	0	0	0
932	RTA00000406F.i.12.1	39080	2	0	0	0	0	0	0	0
933	RTA00000406F.h.08.1	16228	2	2	0	0	0	0	0	0
934	RTA00000418F.i.19.1	79180	1	0	0	0	0	0	0	0
936	RTA00000412F.h.21.1	64348	1	0	0	0	0	0	0	0
938	RTA00000120A.g.18.1	81255	1	0	0	0	0	0	0	0
940	RTA00000423F.j.05.1	37958	2	0	0	0	0	0	0	0
941	RTA00000132A.k.6.1	81284	1	0	0	0	0	0	0	0
943	RTA00000406F.p.04.1	37458	2	0	0	0	0	0	0	0
944	RTA00000347F.a.13.1	22446	3	0	0	0	0	0	0	0
945	RTA00000419F.p.23.1	64748	1	0	0	0	0	0	0	0
946	RTA00000419F.d.17.1	64353	1	0	0	0	0	0	0	0
949	RTA00000124A.k.5.1	80252	1	0	0	0	0	0	0	0
950	RTA00000404F.h.22.1	18735	2	1	0	0	0	0	1	0
952	RTA00000410F.o.05.1	75262	1	0	0	0	0	0	0	0
953	RTA00000339R.l.14.1	19119	3	0	0	0	0	0	0	0
954	RTA00000403F.m.13.2	39077	2	0	0	0	0	0	0	0
957	RTA00000419F.g.22.1	64515	1	0	0	0	0	0	0	0
958	RTA00000404F.g.21.1	37947	2	0	0	0	0	0	0	0
960	RTA00000138A.n.4.1	21920	2	1	0	0	0	0	0	0
961	RTA00000410F.b.15.1	77100	1	0	0	0	0	0	0	0
963	RTA00000419F.j.23.1	74470	1	0	0	0	0	0	0	0
964	RTA00000411F.j.02.1	65310	1	0	0	0	0	0	0	0
965	RTA00000419F.p.24.1	63477	1	0	0	0	0	0	0	0
966	RTA00000404F.a.19.1	38624	2	0	0	0	0	0	0	0
973	RTA00000346F.e.13.1	74653	1	0	0	0	0	0	0	0
974	RTA00000419F.c.18.1	41394	1	1	0	0	0	0	0	0
978	RTA00000404F.e.22.1	11344	3	3	0	0	0	0	0	0
981	RTA00000125A.k.10.1	81644	1	0	0	0	0	0	0	0
982	RTA00000347F.c.06.1	18846	2	1	0	0	0	0	0	0
983	RTA00000411F.k.19.1	64200	1	0	0	0	0	0	0	0
984	RTA00000345F.i.09.1	27250	2	0	0	0	0	0	0	0
985	RTA00000423F.k.01.1	40426	2	0	0	0	0	0	0	0
986	RTA00000408F.d.06.1	78997	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
987	RTA00000128A.b.20.1	79761	1	0	0	0	0	0	0	0
989	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
991	RTA00000403F.h.12.1	15205	2	1	0	0	0	0	0	0
992	RTA00000119A.j.22.1	80336	1	0	0	0	0	0	0	0
995	RTA00000126A.n.7.2	79557	1	0	0	1	0	0	0	0
997	RTA00000404F.j.08.1	39066	2	0	0	0	0	0	0	0
998	RTA00000410F.c.14.1	77809	1	0	0	0	0	0	0	0
999	RTA00000120A.g.23.1	81189	1	0	0	0	0	0	0	0
1000	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
1002	RTA00000412F.j.17.1	64071	1	0	0	0	0	0	0	0
1004	RTA00000119A.j.10.1	79646	1	0	0	0	0	0	0	0
1010	RTA00000419F.o.16.1	62867	1	0	0	0	0	0	0	0
1012	RTA00000411F.c.17.1	77664	1	0	0	0	0	0	0	0
1013	RTA00000406F.k.15.1	38549	2	0	0	0	0	0	0	0
1014	RTA00000406F.a.02.1	37744	2	0	0	0	0	0	0	0
1016	RTA00000341F.b.06.1	17008	4	0	0	0	0	0	0	0
1017	RTA00000409F.n.14.1	78190	1	0	0	0	0	0	0	0
1019	RTA00000345F.j.08.1	16731	3	1	0	0	0	0	0	0
1021	RTA00000419F.g.15.1	32519	1	1	0	0	0	0	0	0
1022	RTA00000423F.a.19.1	21396	1	2	0	0	0	0	0	0
1024	RTA00000422F.e.08.1	39020	2	0	0	0	0	0	0	0
1025	RTA00000411F.d.15.1	74890	1	0	0	0	0	0	0	0
1027	RTA00000411F.l.15.1	66704	1	0	0	0	0	0	0	0
1029	RTA00000405F.e.08.1	37916	2	0	0	0	1	0	0	0
1030	RTA00000353R.j.24.1	23089	3	0	0	0	0	0	0	0
1032	RTA00000418F.o.06.1	75930	1	0	0	0	0	0	0	0
1033	RTA00000404F.c.10.1	23534	2	1	0	0	0	0	0	0
1034	RTA00000418F.i.21.1	78728	1	0	0	0	0	0	0	0
1036	RTA00000411F.l.13.1	43114	1	1	0	0	0	0	0	0
1037	RTA00000407F.a.24.1	37560	2	0	0	0	0	0	0	0
1038	RTA00000346F.n.06.1	12439	4	0	0	0	0	0	0	0
1039	RTA00000412F.l.21.1	65183	1	0	0	0	0	0	0	0
1040	RTA00000413F.i.02.1	65857	1	0	0	0	0	0	0	0
1041	RTA00000404F.i.19.1	38698	2	0	0	0	0	0	0	0
1043	RTA00000403F.a.11.1	73109	1	0	0	0	0	0	0	0
1045	RTA00000411F.k.16.1	64759	1	0	0	0	0	0	1	0
1046	RTA00000405F.c.01.1	19236	2	0	0	0	0	0	0	0
1047	RTA00000423F.i.18.1	14996	4	0	0	0	0	0	0	0
1050	RTA00000406F.a.07.1	26607	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1051	RTA00000347F.d.06.1	39122	2	0	0	0	0	0	0	0
1052	RTA00000419F.b.18.1	67034	1	0	0	0	0	0	0	0
1053	RTA00000406F.h.07.1	38003	2	0	0	0	0	0	0	0
1054	RTA00000405F.l.15.1	19575	2	1	0	0	0	0	0	0
1055	RTA00000406F.g.17.1	37979	2	0	0	0	0	0	0	0
1058	RTA00000130A.h.22.1	80933	1	0	0	0	0	0	0	0
1061	RTA00000404F.d.13.1	39036	2	0	0	0	0	0	0	0
1064	RTA00000340F.n.01.1	39081	2	0	0	0	0	0	0	0
1065	RTA00000419F.d.06.1	65496	1	0	0	0	0	0	0	0
1066	RTA00000419F.n.09.1	66070	1	0	0	0	0	0	0	0
1067	RTA00000399F.i.08.1	38927	2	0	0	0	0	0	0	0
1069	RTA00000423F.g.13.1	38028	2	0	0	0	0	0	0	0
1072	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0
1073	RTA00000403F.h.05.1	39096	2	0	0	0	0	0	0	0
1075	RTA00000422F.p.07.2	39024	2	0	0	1	0	0	0	0
1078	RTA00000421F.n.19.1	16409	3	1	0	0	0	0	0	0
1080	RTA00000345F.k.21.1	40204	2	0	0	0	0	0	0	0
1082	RTA00000405F.a.11.1	39124	2	0	0	0	0	0	0	0
1084	RTA00000413F.e.16.1	63836	1	0	0	0	0	0	0	0
1086	RTA00000404F.o.18.2	39110	2	0	0	0	0	0	0	0
1087	RTA00000409F.i.24.1	76967	1	0	0	0	0	0	0	0
1091	RTA00000340F.n.13.1	17055	4	0	0	0	0	0	0	0
1092	RTA00000340F.p.04.1	78533	1	0	0	0	0	0	0	0
1093	RTA00000411F.c.05.1	73368	1	0	0	0	0	0	0	0
1097	RTA00000404F.i.02.1	39015	2	0	0	0	0	0	0	0
1099	RTA00000403F.m.15.2	26901	2	0	0	0	0	0	0	0
1100	RTA00000412F.h.23.2	65118	1	0	0	0	0	0	0	0
1101	RTA00000418F.j.08.1	73382	1	0	0	0	0	0	0	0
1102	RTA00000125A.n.4.1	81984	1	0	0	0	0	0	0	0
1103	RTA00000412F.l.19.1	65825	1	0	0	0	0	0	0	0
1105	RTA00000129A.p.3.1	32644	1	1	0	0	0	0	0	0
1106	RTA00000340F.p.20.1	17008	4	0	0	0	0	0	0	0
1107	RTA00000411F.a.10.1	73073	1	0	0	0	0	0	0	0
1108	RTA00000409F.n.17.1	76725	1	0	0	0	0	0	0	0
1109	RTA00000404F.c.03.2	39198	2	0	0	0	0	0	0	0
1110	RTA00000420F.a.19.1	34192	1	1	0	0	0	0	0	0
1114	RTA00000420F.d.12.1	64095	1	0	0	0	0	0	0	0
1115	RTA00000409F.j.19.1	73792	1	0	0	0	0	0	0	0
1116	RTA00000422F.d.16.1	39133	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1117	RTA00000418F.m.16.1	74986	1	0	0	0	0	0	0	0
1118	RTA00000405F.c.11.1	39068	2	0	0	0	0	0	0	0
1119	RTA00000404F.k.22.1	39084	2	0	0	0	0	0	0	0
1120	RTA00000418F.k.07.1	75067	1	0	0	0	0	0	0	0
1121	RTA00000403F.c.10.1	75261	1	0	0	0	0	0	0	0
1124	RTA00000410F.m.05.1	74964	1	0	0	0	0	0	0	0
1125	RTA00000405F.i.20.1	38532	2	0	0	0	0	0	0	0
1127	RTA00000408F.p.24.1	74286	1	0	0	0	0	0	0	0
1128	RTA00000418F.k.18.1	75385	1	0	0	0	0	0	0	0
1129	RTA00000422F.m.04.1	38702	2	0	0	0	0	0	0	0
1133	RTA00000403F.a.07.1	73559	1	0	0	0	0	0	0	0
1135	RTA00000403F.b.19.1	22327	2	1	0	0	0	0	0	0
1136	RTA00000418F.m.23.1	77195	1	0	0	0	0	0	0	0
1138	RTA00000404F.i.18.1	21912	2	1	0	0	0	0	0	0
1139	RTA00000422F.i.14.1	39300	2	0	0	0	0	0	0	0
1140	RTA00000418F.m.14.1	75711	1	0	0	1	0	0	0	0
1141	RTA00000406F.o.12.1	37459	2	0	0	0	0	0	0	0
1143	RTA00000411F.a.07.1	74547	1	0	0	0	0	0	0	0
1144	RTA00000411F.c.02.1	72852	1	0	0	0	0	0	0	0
1146	RTA000004130A.h.16.1	80761	1	0	0	0	0	0	0	0
1147	RTA00000410F.p.23.1	73948	1	0	0	0	0	0	0	0
1148	RTA00000418F.m.24.1	77114	1	0	0	0	0	0	0	0
1150	RTA00000408F.j.19.2	73752	1	0	0	0	0	0	0	0
1152	RTA000004118A.d.17.1	81921	1	0	0	0	0	0	0	0
1153	RTA00000407F.b.04.1	63221	1	0	0	0	0	0	0	0
1154	RTA00000411F.e.07.1	65008	1	0	0	0	0	0	0	0
1156	RTA000004132A.c.11.1	87278	1	0	0	0	0	0	0	0
1157	RTA00000420F.e.16.1	63639	1	0	0	0	0	0	0	0
1159	RTA00000404F.b.11.1	39079	2	0	0	0	0	0	0	0
1160	RTA00000418F.k.17.1	75390	1	0	0	0	0	0	0	0
1161	RTA000004129A.k.12.1	79322	1	0	0	0	0	0	0	0
1162	RTA000004340R.m.07.1	78415	1	0	0	0	0	0	0	0
1163	RTA00000405F.d.14.1	35209	2	0	0	0	0	0	1	0
1164	RTA00000406F.f.11.1	38601	2	0	0	0	0	0	0	0
1165	RTA000004120A.h.5.1	80344	1	0	0	0	0	0	0	0
1167	RTA00000411F.g.06.1	66065	1	0	0	0	0	0	0	0
1168	RTA00000408F.d.16.1	76318	1	0	0	0	0	0	0	0
1171	RTA00000404F.c.19.1	39026	2	0	0	0	0	0	0	1
1173	RTA00000410F.a.01.1	73354	1	0	0	0	0	0	0	0



SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1174	RTA00000408F.h.08.1	74575	1	0	0	0	0	0	0	0
1175	RTA00000422F.b.16.1	17045	4	0	0	0	0	0	0	0
1176	RTA00000419F.f.10.1	66193	1	0	0	0	0	0	0	0
1177	RTA00000418F.l.04.1	74140	1	0	0	0	0	0	0	0
1178	RTA00000410F.a.16.1	73548	1	0	0	0	0	0	0	0
1179	RTA00000138A.e.13.1	79608	1	0	0	0	0	0	0	0
1180	RTA00000130A.b.5.1	79579	1	0	0	0	0	0	0	0
1181	RTA00000408F.j.15.2	74759	1	0	0	0	0	0	0	0
1182	RTA00000410F.m.20.1	74285	1	0	0	0	0	0	0	0
1185	RTA00000419F.e.04.1	62963	1	0	0	0	0	0	0	0
1187	RTA00000418F.g.05.1	73075	1	0	0	0	0	0	0	0
1188	RTA00000419F.n.02.1	65963	1	0	0	0	0	0	0	0
1191	RTA00000119A.m.15.1	80989	1	0	0	0	0	0	0	0
1194	RTA00000413F.g.23.1	40700	1	1	0	0	0	0	0	0
1195	RTA00000403F.a.18.1	75726	1	0	0	0	0	0	0	0
1196	RTA00000404F.m.20.2	39144	2	0	0	0	0	0	0	0
1199	RTA00000419F.h.04.1	65034	1	0	0	0	0	0	0	0
1200	RTA00000408F.d.12.1	75782	1	0	0	0	0	0	0	0
1201	RTA00000133A.m.19.2	80167	1	0	0	0	0	0	0	0
1206	RTA00000126A.o.22.1	81752	1	0	0	0	0	0	0	0
1207	RTA00000419F.n.13.1	66026	1	0	0	0	0	0	0	0
1208	RTA00000130A.h.13.1	80790	1	0	0	0	0	0	0	0
1212	RTA00000411F.m.19.1	74924	1	0	0	0	0	0	0	0
1214	RTA00000419F.k.06.1	78493	1	0	0	0	0	0	0	0
1216	RTA00000412F.d.16.1	26829	1	0	0	0	0	0	0	0
1217	RTA00000119A.j.23.1	79835	1	0	0	0	0	0	0	0
1219	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0
1223	RTA00000423F.c.19.1	40472	2	0	0	0	0	0	0	0
1224	RTA00000405F.g.24.1	39076	2	0	0	0	0	0	0	0
1226	RTA00000419F.c.11.1	65504	1	0	0	0	0	0	0	0
1227	RTA00000135A.f.14.2	79969	1	0	0	0	0	0	0	0
1228	RTA00000403F.a.05.1	18808	1	1	0	0	0	0	0	0
1229	RTA00000405F.e.17.1	38662	2	0	0	0	0	0	0	0
1230	RTA00000411F.d.05.1	75812	1	0	0	0	0	0	0	0
1232	RTA00000418F.d.03.1	76824	1	0	0	0	0	0	0	0
1233	RTA00000418F.h.08.1	76401	1	0	0	0	0	0	0	0
1234	RTA00000418F.m.10.1	79110	1	0	0	0	0	0	0	0
1235	RTA00000411F.i.15.1	31612	1	1	0	0	0	0	0	0
1236	RTA00000413F.i.23.1	63073	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1237	RTA00000411F.e.24.1	64781	1	0	0	0	0	0	0	0
1238	RTA00000406F.g.22.1	38590	2	0	0	0	0	0	0	0
1239	RTA00000126A.n.13.2	79735	1	0	0	0	0	0	0	0
1240	RTA00000419F.a.02.1	77993	1	0	0	0	0	0	0	0
1241	RTA00000346F.l.13.1	7542	8	0	0	2	1	0	1	0
1245	RTA00000120A.d.15.1	80533	1	0	0	0	0	0	0	0
1246	RTA00000418F.f.21.1	75157	1	0	0	0	0	0	0	0
1248	RTA00000129A.d.1.2	80058	1	0	0	0	0	0	0	0
1251	RTA00000419F.m.20.1	76720	1	0	0	0	0	0	0	0
1253	RTA00000406F.e.15.1	39074	2	0	0	0	0	0	0	0
1255	RTA00000411F.c.10.1	73117	1	0	0	0	0	0	0	0
1259	RTA00000413F.d.05.1	64788	1	0	0	0	0	0	0	0
1260	RTA00000121A.o.3.1	81437	1	0	0	0	0	0	0	0
1262	RTA00000420F.e.02.1	40259	2	0	0	0	0	0	0	0
1268	RTA00000126A.k.7.2	79866	1	0	0	0	0	0	0	0
1270	RTA00000419F.l.03.1	79060	1	0	0	0	0	0	0	0
1272	RTA00000118A.a.2.1	38067	2	0	0	0	0	0	0	0
1273	RTA00000410F.m.18.1	76365	1	0	0	0	0	0	0	0
1275	RTA00000406F.c.20.1	38578	2	0	0	0	0	0	0	0
1276	RTA00000413F.b.14.1	66591	1	0	0	0	0	0	0	0
1277	RTA00000406F.c.18.1	14368	2	0	0	0	0	0	0	0
1278	RTA00000418F.j.09.1	76352	1	0	0	0	0	0	0	0
1279	RTA00000419F.f.23.1	65002	1	0	0	0	0	0	0	0
1281	RTA00000411F.a.05.1	76699	1	0	0	0	0	0	0	0
1282	RTA00000419F.m.21.1	77947	1	0	0	0	0	0	0	0
1283	RTA00000405F.n.16.1	21503	2	1	1	0	0	0	0	0
1284	RTA00000422F.o.19.2	13084	3	2	0	0	0	0	0	0
1285	RTA00000408F.n.02.2	76993	1	0	0	0	0	0	0	0
1290	RTA00000119A.g.7.1	83580	1	0	0	0	0	0	0	0
1291	RTA00000411F.i.02.1	66975	1	0	0	0	0	0	0	0
1292	RTA00000408F.l.09.1	75487	1	0	0	0	0	0	0	0
1293	RTA00000423F.g.04.1	23012	2	1	0	0	0	0	0	0
1295	RTA00000418F.i.18.1	78024	1	0	0	0	0	0	0	0
1296	RTA00000411F.h.15.1	65160	1	0	0	0	0	0	0	0
1297	RTA00000410F.i.19.1	78988	1	0	0	0	0	0	0	0
1298	RTA00000419F.k.24.1	75596	1	0	0	0	0	0	0	0
1301	RTA00000409F.i.09.1	75279	1	0	0	0	0	0	0	0
1302	RTA00000419F.h.02.1	63985	1	0	0	0	0	0	0	0
1303	RTA00000413F.b.12.1	64932	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1304	RTA00000121A.h.18.1	16376	4	0	0	0	0	0	0	0
1305	RTA00000411F.n.20.1	75816	1	0	0	0	0	0	0	0
1307	RTA00000411F.n.12.1	73308	1	0	0	0	0	0	0	0
1308	RTA00000408F.j.12.2	18226	1	0	0	0	0	0	0	0
1309	RTA00000409F.i.03.1	75968	1	0	0	0	0	0	0	0
1312	RTA00000409F.j.05.1	74128	1	0	0	0	0	0	0	0
1313	RTA00000419F.m.04.1	74367	1	0	0	0	0	0	0	0
1314	RTA00000418F.k.03.1	78901	1	0	0	0	0	0	0	0
1315	RTA00000419F.d.16.1	64357	1	0	0	0	0	0	0	0
1316	RTA00000420F.e.10.1	65899	1	0	0	0	0	0	0	0
1319	RTA00000418F.k.08.1	18259	1	0	0	0	0	0	0	0
1322	RTA00000410F.c.02.1	75055	1	0	0	0	0	0	0	0
1324	RTA00000403F.h.18.1	39241	2	0	0	0	0	0	0	0
1325	RTA00000405F.n.13.1	23810	2	1	0	0	0	0	0	0
1326	RTA00000355R.e.14.1	16837	2	2	0	0	0	0	0	0
1327	RTA00000422F.l.03.1	39147	2	0	0	0	0	0	0	0
1329	RTA00000403F.o.14.1	38971	2	0	0	0	0	0	0	0
1333	RTA00000127A.f.11.1	81463	1	0	0	0	0	0	0	0
1335	RTA00000403F.o.07.1	39037	2	0	0	0	0	0	0	0
1336	RTA00000403F.d.19.1	39243	2	0	0	0	0	0	0	0
1338	RTA00000406F.i.17.1	37902	2	0	0	0	0	0	0	0
1339	RTA00000418F.d.22.1	75324	1	0	0	0	0	0	0	0
1340	RTA00000340R.o.12.1	53732	1	0	0	0	0	0	0	0
1341	RTA00000125A.g.24.1	80397	1	0	0	0	0	0	0	0
1342	RTA00000130A.o.21.1	80218	1	0	0	0	0	0	0	0
1343	RTA00000420F.a.23.1	42158	1	1	0	0	0	0	0	0
1344	RTA00000411F.m.18.1	75629	1	0	0	0	0	0	0	0
1345	RTA00000407F.b.22.1	37487	2	0	0	0	0	0	0	0
1346	RTA00000409F.a.16.1	73990	1	0	0	0	0	0	0	0
1348	RTA00000341F.k.12.1	62985	1	0	0	0	0	0	0	0
1349	RTA00000129A.c.18.2	37216	2	0	0	0	0	0	0	0
1350	RTA00000410F.d.10.1	77561	1	0	0	0	0	0	0	0
1351	RTA00000351R.i.03.1	6874	6	3	0	0	1	0	0	0
1352	RTA00000135A.l.1.2	39426	2	0	0	0	0	0	0	0
1353	RTA00000420F.b.18.1	66136	1	0	0	0	0	0	0	0
1356	RTA00000403F.o.13.1	39049	2	0	0	0	0	0	0	0
1357	RTA00000411F.f.06.1	64186	1	0	0	0	0	0	0	0
1359	RTA00000351R.c.13.1	11476	6	0	0	0	0	0	0	0
1362	RTA00000420F.d.16.1	64485	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1363	RTA00000404F.i.12.1	39001	2	0	0	0	0	0	0	0
1364	RTA00000404F.o.10.2	16785	2	2	0	0	0	0	0	0
1365	RTA00000419F.d.07.1	21421	1	2	0	0	0	0	0	0
1366	RTA00000404F.p.02.2	39097	2	0	1	0	0	0	0	0
1367	RTA00000125A.k.14.1	79457	1	0	0	0	0	0	0	0
1368	RTA00000122A.j.22.1	81151	1	0	0	0	0	0	0	0
1369	RTA00000406F.i.13.1	37904	2	0	0	0	0	0	0	0
1370	RTA00000135A.b.23.1	35241	2	0	0	0	0	0	0	0
1373	RTA00000423F.l.04.1	14320	2	0	0	0	0	0	0	0
1374	RTA00000420F.b.04.1	63820	1	0	0	0	0	0	0	0
1376	RTA00000408F.i.18.2	74410	1	0	0	0	0	0	0	0
1378	RTA00000341F.j.05.1	36177	2	0	0	0	0	0	0	0
1379	RTA00000420F.a.16.1	63345	1	0	0	0	0	0	0	0
1381	RTA00000410F.j.01.1	73399	1	0	0	0	0	0	0	0
1382	RTA00000408F.p.21.1	77930	1	0	0	0	0	0	0	0
1383	RTA00000412F.d.19.1	75743	1	0	0	0	0	0	0	0
1384	RTA00000352R.c.04.1	71976	1	0	0	0	0	0	0	0
1385	RTA00000413F.f.19.1	65189	1	0	0	0	0	0	0	0
1386	RTA00000411F.e.03.1	73648	1	0	0	0	0	0	0	0
1389	RTA00000418F.c.04.1	41587	1	1	0	0	0	0	0	0
1390	RTA00000418F.o.17.1	79069	1	0	0	0	0	0	0	0
1391	RTA00000418F.e.21.1	74773	1	0	0	0	0	0	0	0
1392	RTA00000419F.d.14.1	64945	1	0	0	0	0	0	0	0
1396	RTA00000410F.j.20.1	73601	1	0	0	0	0	0	0	0
1399	RTA00000119A.j.9.1	82060	1	0	0	0	0	0	0	0
1403	RTA00000340F.i.13.1	79299	1	0	0	0	0	0	0	0
1404	RTA00000412F.g.03.1	64740	1	0	0	0	0	0	0	0
1405	RTA00000122A.g.17.1	32655	1	1	0	0	0	0	0	0
1407	RTA00000419F.n.12.1	66086	1	0	0	0	0	0	0	0
1410	RTA00000351R.p.14.1	13166	2	3	0	0	0	0	0	0
1411	RTA00000403F.e.08.1	19126	3	0	0	0	0	0	0	0
1412	RTA00000124A.k.20.1	80913	1	0	0	0	0	0	0	0
1413	RTA00000121A.n.2.1	33585	1	1	0	0	0	0	0	0
1414	RTA00000422F.m.24.1	39159	2	0	1	0	1	1	2	2
1415	RTA00000408F.e.24.2	75002	1	0	0	0	0	0	0	0
1418	RTA00000403F.b.12.1	78775	1	0	0	0	0	0	0	0
1419	RTA00000404F.a.09.1	38985	2	0	0	0	0	0	0	0
1421	RTA00000403F.o.19.1	78615	1	0	0	0	0	0	0	0
1424	RTA00000410F.b.10.1	74504	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1426	RTA00000413F.h.12.1	66929	1	0	0	0	0	0	0	0
1427	RTA00000406F.k.14.1	38651	2	0	0	0	0	0	0	0
1429	RTA00000411F.f.17.1	65661	1	0	0	0	0	0	0	0
1430	RTA00000411F.k.10.1	64506	1	0	0	0	0	0	0	0
1431	RTA00000411F.g.21.1	64500	1	0	0	0	0	0	0	0
1432	RTA00000119A.h.24.1	82266	1	0	0	0	0	0	0	0
1434	RTA00000408F.m.22.2	72949	1	0	0	0	0	0	0	0
1437	RTA00000410F.i.17.1	78147	1	0	0	0	0	0	0	0
1440	RTA00000129A.a.13.2	79780	1	0	0	0	0	0	0	0
1441	RTA00000129A.k.21.1	82067	1	0	0	0	0	0	0	0
1442	RTA00000350R.g.10.1	9026	7	0	0	1	0	0	0	0
1443	RTA00000413F.d.23.1	66030	1	0	0	0	0	0	0	0
1447	RTA00000411F.d.10.1	76445	1	0	0	0	0	0	0	0
1448	RTA00000404F.b.19.1	39281	2	0	0	0	0	0	0	0
1449	RTA00000418F.c.07.1	73245	1	0	0	0	0	0	0	0
1450	RTA00000418F.j.15.1	74855	1	0	0	0	0	1	0	0
1453	RTA00000413F.b.16.1	65126	1	0	0	0	0	0	0	0
1455	RTA00000350R.m.14.1	39171	2	0	0	0	0	0	0	0
1456	RTA00000418F.l.11.1	77158	1	0	0	0	0	0	0	0
1457	RTA00000130A.d.5.1	82051	1	0	0	0	0	0	0	0
1458	RTA00000339F.n.05.1	39648	2	0	0	0	0	0	0	0
1460	RTA00000407F.a.23.1	23489	2	1	0	0	0	0	0	0
1462	RTA00000403F.h.11.1	39219	2	0	0	0	0	0	0	0
1463	RTA00000406F.j.13.1	38688	2	0	0	0	0	0	0	0
1464	RTA00000352R.p.09.1	16915	4	0	0	0	0	0	0	0
1465	RTA00000413F.g.24.1	65481	1	0	0	0	0	0	0	0
1469	RTA00000420F.a.08.1	19473	1	2	0	0	0	0	0	0
1472	RTA00000404F.i.22.1	39082	2	0	0	0	0	0	0	0
1473	RTA00000124A.k.23.1	81350	1	0	0	0	0	0	0	0
1474	RTA00000404F.e.11.1	38991	2	0	0	0	0	0	0	0
1475	RTA00000129A.d.2.4	80119	1	0	0	0	0	0	0	0
1478	RTA00000419F.o.15.1	32487	1	1	0	0	0	0	0	0
1479	RTA00000119A.m.17.1	79536	1	0	0	0	0	0	0	0
1480	RTA00000410F.b.07.1	78916	1	0	0	0	0	0	0	0
1481	RTA00000420F.b.19.1	36873	2	0	0	0	0	0	0	0
1483	RTA00000411F.b.21.1	10051	1	0	0	0	0	0	0	0
1485	RTA00000356R.c.16.1	16915	4	0	0	0	0	0	0	0
1487	RTA00000412F.h.11.1	63175	1	0	0	0	0	0	0	0
1490	RTA00000420F.a.11.1	66460	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1491	RTA00000120A.c.7.1	80985	1	0	0	1	0	0	0	0
1492	RTA00000404F.e.15.1	39101	2	0	0	0	0	0	0	0
1493	RTA00000422F.n.20.1	38676	2	0	0	0	0	0	1	0
1494	RTA00000423F.h.20.1	38639	2	0	0	0	0	0	0	0
1497	RTA00000410F.b.18.1	76701	1	0	0	0	0	0	0	0
1499	RTA00000423F.g.15.1	35173	2	0	0	0	0	0	0	0
1500	RTA00000413F.b.04.1	66427	1	0	0	0	0	0	0	0
1503	RTA00000346F.f.11.1	38528	2	0	0	0	0	0	0	0
1506	RTA00000422F.i.02.1	76436	1	0	0	0	0	0	0	0
1507	RTA00000410F.a.08.1	73324	1	0	0	0	0	0	0	0
1509	RTA00000419F.e.02.1	65010	1	0	0	0	0	0	0	0
1511	RTA00000403F.g.13.1	38718	2	0	0	0	0	0	0	0
1513	RTA00000407F.a.01.1	12501	3	1	0	0	0	0	0	0
1516	RTA00000411F.f.14.1	62984	1	0	0	0	0	0	0	0
1517	RTA00000411F.c.04.1	76858	1	0	0	0	0	0	0	0
1518	RTA00000135A.m.18.1	19255	2	0	0	0	0	0	0	0
1519	RTA00000413F.c.17.1	36831	2	0	0	0	0	0	0	0
1521	RTA00000404F.j.01.1	26859	2	0	0	0	0	0	0	0
1522	RTA00000138A.p.10.1	81625	1	0	0	0	0	0	0	0
1526	RTA00000423F.h.07.1	37933	2	0	0	0	0	0	0	0
1527	RTA00000413F.e.04.1	64176	1	0	0	0	0	0	0	0
1528	RTA00000406F.h.03.1	38585	2	0	0	0	0	0	0	0
1529	RTA00000403F.e.24.1	16432	2	2	0	0	0	0	0	0
1531	RTA00000403F.i.11.1	23535	2	1	0	0	0	0	0	0
1532	RTA00000419F.g.02.1	62839	1	0	0	0	0	0	0	0
1533	RTA00000347F.e.05.1	39814	2	0	0	0	0	0	0	0
1534	RTA00000408F.l.16.1	73468	1	0	0	0	0	0	0	0
1536	RTA00000423F.f.09.1	64823	1	0	0	0	0	0	0	0
1537	RTA00000419F.k.03.1	40822	1	1	0	0	0	0	0	0
1538	RTA00000406F.b.02.1	38744	2	0	0	0	0	0	0	0
1539	RTA00000418F.o.14.1	33524	1	1	0	0	0	0	0	0
1541	RTA00000404F.b.09.1	39166	2	0	0	0	0	0	0	0
1547	RTA00000406F.k.11.1	38715	2	0	0	0	0	0	0	0
1549	RTA00000406F.c.06.1	37924	2	0	0	0	0	0	0	0
1550	RTA00000418F.n.07.1	76316	1	0	0	0	0	0	0	0
1551	RTA00000419F.n.15.1	63484	1	0	0	0	0	0	0	0
1552	RTA00000408F.n.06.2	76642	1	0	0	0	0	0	0	0
1553	RTA00000420F.c.04.1	65007	1	0	0	0	0	0	0	0
1554	RTA00000411F.j.15.1	66871	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1556	RTA00000128A.m.23.1	81441	1	0	0	0	0	0	0	0
1557	RTA00000406F.g.03.1	38690	2	0	0	0	0	0	0	0
1558	RTA00000405F.h.05.2	75706	1	0	0	0	0	0	0	0
1559	RTA00000129A.n.24.1	81409	1	0	0	0	0	0	0	0
1562	RTA00000418F.n.11.1	78977	1	0	0	0	0	0	0	0
1565	RTA00000120A.h.9.1	80736	1	0	0	0	0	0	0	0
1566	RTA00000413F.a.12.1	63403	1	0	0	0	0	0	0	0
1567	RTA00000412F.o.05.1	63575	1	0	0	0	0	0	0	0
1571	RTA00000354R.n.04.1	22049	3	0	0	0	0	0	0	0
1573	RTA00000406F.h.05.1	38542	2	0	0	0	0	0	0	0
1574	RTA00000410F.b.24.1	75104	1	0	0	0	0	0	0	0
1575	RTA00000423F.d.11.1	38950	2	0	0	0	0	0	0	0
1578	RTA00000119A.k.1.1	81282	1	0	0	0	0	0	0	0
1579	RTA00000420F.f.07.1	66312	1	0	0	0	0	0	0	0
1580	RTA00000404F.k.22.2	39084	2	0	0	0	0	0	0	0
1581	RTA00000422F.e.07.1	38964	2	0	0	0	0	0	0	0
1582	RTA00000410F.f.12.1	73883	1	0	0	0	0	0	0	0
1584	RTA00000411F.m.11.1	73196	1	0	0	0	0	0	0	0
1587	RTA00000403F.o.10.2	38964	2	0	0	0	0	0	0	0
1590	RTA00000413F.c.10.1	65600	1	0	0	0	0	0	0	0
1591	RTA00000411F.b.17.1	72893	1	0	0	0	0	0	0	0
1593	RTA00000408F.k.19.1	77593	1	0	0	0	0	0	0	0
1596	RTA00000119A.i.8.1	82593	1	0	0	0	0	0	0	0
1598	RTA00000418F.g.03.1	78737	1	0	0	0	0	0	0	0
1599	RTA00000411F.a.09.1	78629	1	0	0	0	0	0	0	0
1601	RTA00000419F.j.11.1	73183	1	0	0	0	0	0	0	0
1603	RTA00000404F.n.18.2	37169	2	0	0	0	0	0	0	0
1604	RTA00000122A.n.16.1	80553	1	0	0	0	0	0	0	0
1605	RTA00000420F.c.07.1	65555	1	0	0	0	0	0	0	0
1608	RTA00000408F.j.13.2	42275	1	1	0	0	0	0	0	0
1610	RTA00000423F.a.01.1	39103	2	0	0	0	0	0	0	0
1613	RTA00000341F.e.20.1	67422	1	0	0	0	0	0	0	0
1614	RTA00000419F.m.22.1	75600	1	0	0	0	0	0	0	0
1615	RTA00000419F.m.23.1	64263	1	0	0	0	0	0	0	0
1616	RTA00000419F.b.06.1	76728	1	0	0	0	0	0	0	0
1618	RTA00000406F.p.08.1	37573	2	0	0	0	0	0	0	2
1619	RTA00000129A.n.17.1	79811	1	0	0	0	0	0	0	0
1621	RTA00000407F.b.08.1	37513	2	0	0	0	0	0	0	0
1623	RTA00000406F.i.08.1	37946	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1624	RTA00000403F.h.07.1	26856	2	0	0	0	0	0	0	0
1625	RTA00000418F.n.24.1	73153	1	0	0	0	0	0	0	0
1627	RTA00000409F.l.20.1	74394	1	0	0	0	0	0	0	0
1628	RTA00000418F.l.06.1	73317	1	0	0	0	0	0	0	0
1629	RTA00000346F.o.22.1	7381	2	6	0	0	0	0	0	0
1630	RTA00000129A.k.22.1	79639	1	0	0	0	0	0	0	0
1632	RTA00000418F.m.22.1	74567	1	0	0	0	0	0	0	0
1633	RTA00000413F.c.12.1	65334	1	0	0	0	0	0	0	0
1635	RTA00000418F.g.20.1	74626	1	0	0	0	0	0	0	0
1636	RTA00000413F.d.15.1	64943	1	0	0	0	0	0	0	0
1639	RTA00000412F.c.10.1	76372	1	0	0	0	0	0	0	0
1640	RTA00000122A.j.17.1	62736	1	0	0	0	0	0	0	0
1645	RTA00000418F.j.19.1	78399	1	0	0	0	0	0	0	0
1646	RTA00000137A.p.12.1	80614	1	0	0	0	0	0	0	0
1648	RTA00000418F.p.10.1	75323	1	0	0	0	0	0	0	0
1649	RTA00000408F.k.12.1	77246	1	0	0	0	0	0	0	0
1650	RTA00000137A.j.11.4	79752	1	0	0	0	0	0	0	0
1652	RTA00000419F.n.24.1	65995	1	0	0	0	0	0	0	0
1653	RTA00000418F.l.03.1	79058	1	0	0	0	0	0	0	0
1655	RTA00000419F.m.13.1	79052	1	0	0	0	0	0	0	0
1656	RTA00000418F.j.14.1	32623	1	1	0	0	0	0	0	0
1657	RTA00000403F.a.10.1	73952	1	0	0	0	0	0	0	0
1658	RTA00000420F.a.21.1	66241	1	0	0	0	0	0	0	0
1659	RTA00000127A.e.6.1	5885	4	2	0	0	0	0	0	0
1660	RTA00000405F.g.21.2	38966	2	0	0	0	0	0	0	0
1661	RTA00000405F.g.21.1	38966	2	0	0	0	0	0	0	0
1662	RTA00000419F.m.06.1	75749	1	0	0	0	0	0	0	0
1663	RTA00000423F.g.03.1	38007	2	0	0	0	0	0	0	0
1665	RTA00000418F.f.03.1	78911	1	0	0	0	0	0	0	0
1668	RTA00000120A.c.20.1	43235	1	1	0	0	0	1	0	0
1669	RTA00000138A.m.15.1	41603	1	1	0	0	0	0	0	0
1670	RTA00000408F.f.14.2	73024	1	0	0	0	0	0	0	0
1671	RTA00000418F.p.20.1	78023	1	0	0	0	0	0	0	0
1672	RTA00000423F.e.21.1	66961	1	0	0	0	0	0	0	0
1673	RTA00000419F.j.22.1	73525	1	0	0	0	0	0	0	0
1674	RTA00000410F.d.18.1	75458	1	0	0	0	0	0	0	0
1675	RTA00000403F.b.24.1	78838	1	0	0	0	0	0	0	0
1677	RTA00000410F.e.09.1	76093	1	0	0	0	0	0	0	0
1680	RTA00000353R.h.10.1	39498	2	0	0	0	0	0	0	0



SEQ ID NO	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1682	RTA00000411F.d.21.1	74794	1	0	0	0	0	0	0	0
1683	RTA00000340F.m.04.1	19406	2	1	0	0	0	0	0	0
1684	RTA00000411F.n.09.1	78962	1	0	0	0	0	0	0	0
1685	RTA00000127A.h.22.2	13155	2	3	0	0	0	0	0	0
1686	RTA00000420F.e.09.1	66325	1	0	0	0	0	0	0	0
1687	RTA00000405F.p.03.1	11346	3	3	0	0	0	0	0	0
1688	RTA00000419F.a.18.1	78484	1	0	0	0	0	0	0	0
1691	RTA00000121A.n.23.1	26981	2	0	0	0	0	0	0	0
1692	RTA00000121A.n.15.1	40849	1	1	0	0	0	0	0	0
1693	RTA00000403F.i.23.1	11364	4	2	0	0	0	0	0	0
1694	RTA00000405F.a.03.1	39065	2	0	0	0	0	0	0	0
1696	RTA00000419F.p.08.1	65560	1	0	0	0	0	0	0	0
1697	RTA00000126A.n.6.2	79917	1	0	0	0	0	0	0	0
1698	RTA00000413F.c.03.1	64527	1	0	0	1	0	0	0	0
1699	RTA00000422F.k.24.1	39118	2	0	0	0	0	0	0	0
1700	RTA00000412F.c.17.1	75620	1	0	0	0	0	0	0	0
1702	RTA00000347F.g.08.1	23121	3	0	0	0	0	0	0	0
1703	RTA00000419F.o.06.1	64643	1	0	0	0	0	0	0	0
1704	RTA00000340R.j.07.1	38954	2	0	0	0	0	0	0	0
1705	RTA00000423F.j.02.1	38617	2	0	0	0	0	0	0	0
1706	RTA00000419F.c.04.1	63749	1	0	0	0	0	0	0	0
1707	RTA00000411F.a.01.1	74524	1	0	0	0	0	0	0	0
1708	RTA00000406F.f.05.1	22961	2	1	0	0	0	0	1	0
1709	RTA00000410F.n.05.1	77830	1	0	0	0	0	0	0	0
1710	RTA00000404F.e.06.1	39315	2	0	0	0	0	0	0	0
1712	RTA00000411F.c.03.1	79280	1	0	0	0	0	0	0	0
1718	RTA00000405F.l.07.1	38636	2	0	0	0	0	0	0	0
1720	RTA00000411F.n.06.1	73886	1	0	0	0	0	0	0	0
1721	RTA00000422F.k.15.1	19253	2	0	0	0	0	0	0	0
1722	RTA00000406F.h.16.1	38618	2	0	0	0	0	0	0	0
1723	RTA00000419F.f.24.1	18717	1	1	0	0	0	0	0	0
1724	RTA00000411F.d.18.1	76063	1	0	0	0	0	0	0	0
1727	RTA00000408F.d.15.1	78467	1	0	0	0	0	0	0	0
1728	RTA00000339F.b.22.1	6867	7	3	0	0	0	0	0	0
1730	RTA00000411F.n.02.1	78049	1	0	0	0	0	0	0	0
1731	RTA00000419F.b.17.1	63261	1	0	0	0	0	0	0	0
1733	RTA00000130A.e.20.1	79502	1	0	0	0	0	0	0	0
1735	RTA00000411F.i.13.1	66138	1	0	0	0	0	0	0	0
1736	RTA00000420F.e.20.1	64762	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1737	RTA00000126A.p.23.2	80915	1	0	0	0	0	0	0	0
1739	RTA00000406F.g.08.1	37963	2	0	0	0	0	0	0	0
1740	RTA00000409F.a.08.1	74978	1	0	0	0	0	0	0	0
1741	RTA00000406F.d.24.1	37997	2	0	0	0	0	0	0	0
1744	RTA00000418F.i.12.1	78971	1	0	0	0	0	0	0	0
1745	RTA00000121A.h.19.1	80334	1	0	0	0	0	0	0	0
1746	RTA00000419F.b.10.1	78566	1	0	0	0	0	0	0	0
1747	RTA00000406F.m.10.1	38004	2	0	0	0	0	0	0	0
1748	RTA00000406F.o.05.1	37894	2	0	0	0	0	0	0	0
1749	RTA00000408F.b.04.2	39933	2	0	0	0	0	0	0	0
1750	RTA00000411F.k.04.1	65407	1	0	0	0	0	0	0	0
1752	RTA00000134A.l.9.1	81814	1	0	0	0	0	0	0	0
1754	RTA00000418F.k.04.1	75864	1	0	0	0	0	0	0	0
1757	RTA00000419F.p.18.1	63002	1	0	0	0	0	0	0	0
1759	RTA00000419F.a.24.1	79290	1	0	0	0	0	0	0	0
1761	RTA00000129A.e.14.1	80053	1	0	0	0	0	0	0	0
1762	RTA00000404F.a.01.1	19251	2	0	0	0	0	0	0	0
1765	RTA00000408F.n.16.2	73720	1	0	0	0	0	0	0	0
1769	RTA00000412F.l.14.1	62792	1	0	0	0	0	0	0	0
1770	RTA00000129A.b.6.2	39111	2	0	0	0	0	0	0	0
1771	RTA00000406F.n.12.1	37517	2	0	0	0	0	0	0	0
1772	RTA00000418F.e.03.1	73442	1	0	0	0	0	0	0	0
1774	RTA00000403F.g.03.1	23537	2	1	0	0	0	0	0	0
1775	RTA00000412F.p.06.1	65485	1	0	0	0	0	0	0	0
1776	RTA00000419F.b.21.1	65366	1	0	0	0	0	0	0	0
1779	RTA00000351R.j.16.1	64773	1	0	0	0	0	0	0	0
1781	RTA00000419F.f.18.1	64047	1	0	0	0	0	0	0	0
1782	RTA00000423F.i.16.1	38604	2	0	0	0	0	0	0	0
1784	RTA00000411F.f.04.1	64526	1	0	0	0	0	0	0	0
1785	RTA00000125A.c.17.1	80619	1	0	0	0	0	0	0	0
1786	RTA00000404F.g.08.1	38980	2	0	0	0	0	0	0	0
1787	RTA00000423F.c.13.1	39059	2	0	0	0	0	0	0	0
1790	RTA00000404F.k.15.1	18225	2	0	0	0	0	0	0	0
1792	RTA00000339F.l.12.1	7711	4	1	0	0	0	0	0	0
1793	RTA00000406F.b.01.1	39006	2	0	0	0	0	0	0	0
1794	RTA00000407F.c.08.1	37549	2	0	0	0	0	0	0	0
1796	RTA00000403F.b.05.1	74300	1	0	0	0	0	0	0	0
1800	RTA00000408F.j.05.2	73878	1	0	0	0	0	0	0	0
1802	RTA00000419F.c.14.1	65727	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1806	RTA00000346F.h.24.1	4379	9	2	0	0	0	0	0	0
1807	RTA00000420F.b.02.1	64013	1	0	0	0	0	0	0	0
1808	RTA00000413F.b.24.1	65117	1	0	0	0	0	0	0	0
1809	RTA00000412F.d.08.1	75328	1	0	0	0	0	0	0	0
1811	RTA00000419F.m.18.1	76014	1	0	0	0	0	0	0	0
1812	RTA00000419F.l.24.1	74628	1	0	0	0	0	0	0	0
1813	RTA00000408F.c.06.1	78619	1	0	0	0	0	0	0	0
1814	RTA00000405F.h.21.2	39072	2	0	0	0	0	0	0	0
1816	RTA00000405F.g.05.2	38987	2	0	0	0	0	0	0	0
1817	RTA00000411F.f.20.1	63501	1	0	0	0	0	0	0	0
1819	RTA00000420F.d.19.1	43146	1	1	0	0	0	0	0	0
1820	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
1821	RTA00000123A.f.2.1	80379	1	0	0	0	0	0	0	0
1822	RTA00000411F.j.11.1	66154	1	0	0	0	0	0	0	0
1827	RTA00000419F.j.03.1	77578	1	0	0	0	0	0	0	0
1829	RTA00000423F.h.11.1	38977	2	0	0	0	0	0	0	0
1830	RTA00000413F.b.17.1	21704	1	2	0	0	0	0	0	0
1833	RTA00000423F.f.03.1	63852	1	0	0	0	0	0	0	0
1834	RTA00000419F.e.10.1	63225	1	0	0	0	0	0	0	0
1836	RTA00000403F.d.02.1	39224	2	0	0	0	0	0	0	0
1838	RTA00000418F.j.20.1	77101	1	0	0	0	0	0	0	0
1846	RTA00000356R.h.05.1	35052	2	0	1	0	0	0	0	0
1848	RTA00000340F.i.15.1	26815	1	0	0	0	0	0	0	0
1850	RTA00000345F.c.12.1	23824	2	1	0	0	0	0	0	0
1852	RTA00000412F.o.03.1	65039	1	0	0	0	0	0	0	0
1853	RTA00000409F.d.16.1	76090	1	0	0	0	0	0	0	0
1856	RTA00000408F.j.17.2	78935	1	0	0	0	0	0	0	0
1857	RTA00000126A.j.15.2	40425	2	0	0	0	0	0	0	0
1861	RTA00000410F.b.17.1	77458	1	0	0	0	0	0	0	0
1862	RTA00000419F.l.22.1	78444	1	0	0	0	0	0	0	0
1864	RTA00000422F.f.22.1	38703	2	0	0	0	0	0	0	0
1867	RTA00000418F.c.05.1	76475	1	0	0	0	0	0	0	0
1868	RTA00000418F.p.21.1	78068	1	0	0	0	0	0	0	0
1870	RTA00000340F.i.08.1	12005	2	1	0	0	0	0	0	0
1871	RTA00000410F.o.04.1	79018	1	0	0	0	0	0	0	0
1872	RTA00000411F.l.16.1	16122	1	3	0	0	0	0	0	0
1873	RTA00000411F.j.03.1	66263	1	0	0	0	0	0	0	0
1874	RTA00000126A.k.24.1	39428	2	0	0	0	0	0	0	0
1876	RTA00000120A.m.10.3	81376	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1877	RTA00000419F.f.16.1	64679	1	0	0	0	0	0	0	0
1878	RTA00000408F.c.23.1	42261	1	1	0	0	0	0	0	0
1881	RTA00000136A.h.6.1	81620	1	0	0	0	0	0	0	0
1886	RTA00000418F.e.20.1	73741	1	0	0	0	0	0	0	0
1888	RTA00000405F.l.03.1	38580	2	0	0	0	0	0	0	0
1889	RTA00000418F.m.02.1	74550	1	0	0	0	0	0	0	0
1891	RTA00000406F.c.05.1	22077	3	0	1	0	0	0	0	0
1893	RTA00000411F.k.21.1	65349	1	0	0	0	0	0	0	0
1897	RTA00000418F.i.06.1	75151	1	0	0	0	0	0	0	0
1898	RTA00000423F.a.03.1	26796	2	0	0	0	0	0	0	0
1900	RTA00000423F.k.21.2	37499	2	0	0	0	0	0	0	0
1902	RTA00000404F.c.18.1	38982	2	0	0	0	0	0	0	0
1905	RTA00000411F.g.24.1	65233	1	0	0	0	0	0	0	0
1907	RTA00000405F.m.07.1	37733	2	0	0	0	0	0	0	0
1908	RTA00000411F.j.07.1	66963	1	0	0	0	0	0	0	0
1910	RTA00000353R.h.04.1	17123	4	0	0	0	0	0	0	0
1911	RTA00000408F.f.10.2	75309	1	0	0	0	0	0	0	0
1913	RTA00000405F.o.03.1	37575	2	0	0	0	0	0	0	0
1914	RTA00000413F.b.18.1	39873	2	0	0	0	0	0	0	0
1920	RTA00000408F.c.08.1	73473	1	0	0	0	0	0	0	0
1922	RTA00000410F.c.06.1	77784	1	0	0	0	1	0	0	0
1924	RTA00000405F.b.08.1	39182	2	0	0	0	0	0	0	0
1925	RTA00000409F.l.24.1	73174	1	0	0	0	0	0	0	0
1926	RTA00000406F.j.06.1	38952	2	0	0	0	0	0	0	0
1927	RTA00000423F.h.03.1	37903	2	0	0	0	0	0	0	0
1929	RTA00000121A.k.22.1	79523	1	0	0	0	0	0	0	0
1931	RTA00000411F.m.06.1	24195	2	1	0	0	0	0	0	0
1932	RTA00000126A.b.9.1	81279	1	0	0	0	0	0	0	0
1935	RTA00000404F.l.05.1	38671	2	0	0	0	0	0	0	0
1941	RTA00000419F.p.10.1	41448	1	1	0	0	0	0	0	0
1942	RTA00000120A.c.19.1	81016	1	0	0	0	0	0	0	0
1948	RTA00000411F.k.14.1	63987	1	0	0	0	0	0	0	0
1949	RTA00000420F.e.05.1	63908	1	0	0	0	0	0	0	0
1952	RTA00000128A.j.10.1	80085	1	0	0	0	0	0	0	0
1953	RTA00000412F.f.10.2	65405	1	0	0	0	0	0	0	0
1955	RTA00000422F.k.17.1	38955	2	0	0	0	0	0	0	0
1957	RTA00000347F.h.10.1	22779	3	0	0	0	0	0	0	0
1959	RTA00000419F.l.02.1	75736	1	0	0	0	0	0	0	0
1961	RTA00000418F.b.20.1	73560	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1964	RTA00000408F.n.05.2	77883	1	0	0	0	0	0	0	0
1965	RTA00000419F.o.09.1	66396	1	0	0	0	0	0	0	0
1970	RTA00000422F.o.08.2	26832	2	0	0	0	0	0	0	0
1973	RTA00000418F.m.18.1	76479	1	0	0	0	0	0	0	0
1974	RTA00000347F.e.20.1	39911	2	0	0	0	0	0	0	0
1975	RTA00000419F.e.23.1	65772	1	0	0	0	0	0	0	0
1982	RTA00000411F.g.05.1	64664	1	0	0	0	0	0	0	0
1983	RTA00000404F.h.10.1	37148	2	0	0	0	0	0	0	0
1984	RTA00000422F.n.14.1	26787	2	0	0	0	0	0	0	0
1986	RTA00000120A.m.13.3	80608	1	0	0	0	0	0	0	0
1987	RTA00000412F.i.03.1	65617	1	0	0	0	0	0	0	0
1988	RTA00000418F.l.02.1	39316	2	0	0	0	0	0	0	0
1990	RTA00000411F.j.04.1	66219	1	0	0	0	0	0	0	0
1995	RTA00000404F.a.18.1	36267	2	0	0	0	0	0	0	0
1996	RTA00000408F.l.14.1	12001	2	3	0	0	0	0	0	0
1997	RTA00000405F.d.10.1	39000	2	0	0	0	0	0	0	0
1999	RTA00000418F.h.23.1	75153	1	0	0	0	0	0	0	0
2001	RTA00000418F.j.11.1	73853	1	0	0	0	0	0	0	0
2002	RTA00000408F.o.13.1	74895	1	0	0	0	0	0	0	0
2003	RTA00000419F.o.07.1	14059	1	0	0	0	0	0	0	0
2004	RTA00000419F.n.17.1	63186	1	0	0	0	0	0	0	0
2005	RTA00000403F.f.15.1	22768	3	0	0	0	0	0	0	0
2006	RTA00000408F.d.03.1	22768	3	0	0	0	0	0	0	0
2008	RTA00000346F.f.02.1	62757	1	0	0	0	0	0	0	0
2010	RTA00000413F.i.21.1	64066	1	0	0	0	0	0	0	0
2012	RTA00000419F.h.21.1	64828	1	0	0	0	0	0	0	0
2021	RTA00000121A.a.2.1	81843	1	0	0	0	0	0	0	0
2022	RTA00000527F.g.13.1	36035	2	0	0	0	0	0	0	0
2025	RTA00000426F.h.11.1	75479	1	0	0	0	0	0	0	0
2030	RTA00000522F.b.22.1	75181	1	0	0	0	0	0	0	0
2033	RTA00000522F.a.23.1	38613	2	0	0	0	0	0	0	0
2035	RTA00000523F.b.02.1	65163	1	0	0	0	0	0	0	0
2036	RTA00000425F.j.14.1	73397	1	0	0	0	0	0	0	0
2039	RTA00000522F.e.16.1	75283	1	0	0	0	0	0	0	0
2042	RTA00000523F.h.17.1	65586	1	0	0	0	0	0	0	0
2044	RTA00000522F.p.07.1	76888	1	0	0	0	0	0	0	0
2045	RTA00000522F.n.08.1	76343	1	0	0	0	0	0	0	0
2046	RTA00000425F.c.06.1	78041	1	0	0	0	0	0	0	0
2047	RTA00000427F.b.23.1	64297	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2048	RTA00000527F.p.02.1	36844	2	0	0	0	0	0	0	0
2049	RTA00000427F.d.08.1	63967	1	0	0	0	0	0	0	0
2051	RTA00000426F.m.07.1	63504	1	0	0	0	0	0	0	0
2052	RTA00000427F.c.10.1	65478	1	0	0	0	0	0	0	0
2055	RTA00000424F.m.15.1	73759	1	0	0	0	0	0	0	0
2056	RTA00000426F.f.11.1	63102	1	0	0	0	0	0	0	0
2058	RTA00000426F.f.20.1	65134	1	0	0	0	0	0	0	0
2063	RTA00000527F.i.19.2	38089	2	0	0	0	0	0	0	0
2068	RTA00000523F.e.18.1	62898	1	0	0	0	0	0	0	0
2069	RTA00000527F.k.21.1	36051	2	0	0	0	0	0	0	0
2072	RTA00000522F.n.02.1	74959	1	0	0	0	0	0	0	0
2075	RTA00000425F.f.19.1	32635	1	1	0	0	0	0	0	0
2076	RTA00000528F.e.23.1	19242	3	0	0	0	0	0	0	0
2077	RTA00000522F.n.16.1	26769	1	0	0	0	0	0	0	0
2078	RTA00000427F.c.20.1	26527	1	0	0	0	0	0	0	0
2079	RTA00000527F.k.06.1	12469	3	1	0	0	0	0	0	0
2081	RTA00000523F.i.06.1	66341	1	0	0	0	0	0	0	0
2082	RTA00000427F.f.21.1	36853	2	0	0	0	0	0	0	0
2083	RTA00000427F.j.19.1	41395	1	1	0	0	0	0	0	0
2084	RTA00000522F.b.01.1	75691	1	0	0	0	0	0	0	0
2085	RTA00000424F.i.24.1	79101	1	0	0	0	0	0	0	0
2086	RTA00000523F.c.01.1	65710	1	0	0	0	0	0	0	0
2087	RTA00000427F.b.15.1	66891	1	0	0	0	0	0	0	0
2090	RTA00000522F.j.15.2	76535	1	0	0	0	0	0	0	0
2093	RTA00000426F.f.19.1	66701	1	0	1	0	0	0	0	0
2096	RTA00000523F.i.22.1	64688	1	0	0	0	0	0	0	0
2098	RTA00000425F.i.17.1	43213	1	1	0	0	0	0	0	0
2101	RTA00000425F.p.12.1	73219	1	0	0	0	0	0	0	0
2102	RTA00000427F.j.07.1	64819	1	0	0	0	0	0	0	0
2104	RTA00000527F.i.05.2	37481	2	0	0	0	0	0	0	0
2107	RTA00000523F.k.01.1	41437	1	1	0	0	0	0	0	0
2108	RTA00000425F.j.11.1	76667	1	0	0	0	0	0	0	0
2109	RTA00000424F.b.22.4	72971	1	0	0	0	0	0	0	0
2111	RTA00000525F.a.03.1	36786	2	0	0	0	0	0	0	0
2112	RTA00000527F.i.21.2	37490	2	0	0	0	0	0	0	0
2113	RTA00000424F.a.24.4	73951	1	0	0	0	0	0	0	0
2114	RTA00000522F.k.14.1	74280	1	0	0	0	0	0	0	0
2115	RTA00000522F.n.05.1	73260	1	0	0	0	0	0	0	0
2116	RTA00000523F.c.18.1	66179	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2117	RTA00000523F.b.13.1	66330	1	0	0	0	0	0	0	0
2119	RTA00000527F.p.16.1	23798	2	1	0	0	0	0	0	0
2120	RTA00000425F.c.20.1	73581	1	0	0	0	0	0	0	0
2121	RTA00000424F.i.21.1	73482	1	0	0	0	0	0	0	0
2122	RTA00000523F.j.19.1	65910	1	0	0	0	0	0	0	0
2124	RTA00000424F.b.22.1	72971	1	0	0	0	0	0	0	0
2125	RTA00000527F.b.18.1	37469	2	0	0	0	0	0	0	0
2129	RTA00000525F.e.16.1	36837	2	0	0	0	0	0	0	0
2131	RTA00000522F.d.08.1	74284	1	0	0	0	0	0	0	0
2134	RTA00000527F.g.07.1	37488	2	0	0	0	0	0	0	0
2136	RTA00000525F.b.05.1	21116	2	1	0	0	0	0	0	0
2137	RTA00000425F.n.05.1	73965	1	0	0	0	0	0	0	0
2138	RTA00000523F.d.18.1	64072	1	0	0	0	0	0	0	0
2139	RTA00000525F.a.02.1	37454	2	0	0	0	0	0	0	0
2141	RTA00000426F.h.09.1	78797	1	0	0	0	0	0	0	0
2144	RTA00000427F.g.05.1	63138	1	0	0	0	0	0	0	0
2145	RTA00000424F.m.12.1	77675	1	0	0	0	0	0	0	0
2151	RTA00000427F.h.12.1	36894	2	0	0	0	0	0	0	0
2152	RTA00000523F.c.15.1	36935	2	0	0	0	0	0	0	0
2153	RTA00000427F.k.17.1	64965	1	0	0	0	0	0	0	0
2155	RTA00000424F.c.14.3	76614	1	0	0	0	0	0	0	0
2156	RTA00000522F.k.10.2	77619	1	0	0	0	0	0	0	0
2157	RTA00000424F.m.22.1	72943	1	0	0	0	0	0	0	0
2158	RTA00000527F.h.17.1	37799	2	0	0	0	0	0	0	0
2159	RTA00000527F.c.22.1	37496	2	0	0	0	0	0	0	0
2160	RTA00000425F.k.22.1	78123	1	0	0	0	0	0	0	0
2161	RTA00000424F.m.14.1	77491	1	0	0	0	0	0	0	0
2162	RTA00000522F.k.19.1	32625	1	1	0	0	0	0	0	0
2163	RTA00000523F.i.18.1	64463	1	0	0	0	0	0	0	0
2164	RTA00000425F.j.22.1	73882	1	0	0	0	0	0	0	0
2165	RTA00000527F.g.23.1	37538	2	0	0	0	0	0	0	0
2166	RTA00000426F.m.24.1	63943	1	0	0	0	0	0	0	0
2168	RTA00000425F.d.21.1	78920	1	0	0	0	0	0	0	0
2170	RTA00000424F.d.04.3	76505	1	0	0	0	0	0	0	0
2171	RTA00000424F.d.04.1	76505	1	0	0	0	0	0	0	0
2172	RTA00000427F.c.12.1	66995	1	0	0	0	0	0	0	0
2174	RTA00000527F.l.13.1	36904	2	0	0	0	0	0	0	0
2175	RTA00000522F.h.13.1	40823	1	1	0	0	0	0	0	0
2176	RTA00000424F.l.19.1	75454	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2179	RTA00000427F.a.06.1	66550	1	0	0	0	0	0	0	0
2180	RTA00000525F.c.19.1	38159	2	0	0	0	0	0	0	0
2181	RTA00000523F.f.06.1	62871	1	0	0	0	0	0	0	0
2182	RTA00000424F.h.10.1	72925	1	0	0	0	0	0	0	0
2183	RTA00000522F.a.12.1	33515	1	1	0	0	0	0	0	0
2184	RTA00000522F.h.01.1	75010	1	0	0	0	0	0	0	0
2186	RTA00000425F.e.21.1	77203	1	0	0	0	0	0	0	0
2187	RTA00000523F.f.07.1	62799	1	0	0	0	0	0	0	0
2189	RTA00000424F.j.12.1	73827	1	0	0	0	0	0	0	0
2191	RTA00000523F.d.12.1	64888	1	0	0	0	0	0	0	0
2192	RTA00000523F.e.10.1	62878	1	0	0	0	0	0	0	0
2193	RTA00000425F.f.11.1	79275	1	0	0	0	0	0	0	0
2194	RTA00000426F.m.18.1	62974	1	0	0	0	0	0	0	0
2197	RTA00000522F.g.15.1	76536	1	0	0	0	0	0	0	0
2198	RTA00000522F.n.12.1	74117	1	0	0	0	0	0	0	0
2200	RTA00000424F.d.10.3	73110	1	0	0	0	0	0	0	0
2204	RTA00000527F.c.04.1	23090	3	0	0	0	0	0	0	0
2206	RTA00000527F.h.21.1	37630	2	0	0	0	0	0	0	0
2207	RTA00000425F.c.07.1	76042	1	0	0	0	0	0	0	0
2209	RTA00000525F.c.15.1	7692	2	0	0	0	0	0	0	0
2210	RTA00000424F.d.22.3	76189	1	0	0	0	0	0	0	0
2211	RTA00000523F.h.12.1	65745	1	0	0	0	0	0	0	0
2212	RTA00000522F.g.22.1	77504	1	0	0	0	0	0	0	0
2215	RTA00000522F.j.12.2	74341	1	0	0	0	0	0	0	0
2216	RTA00000523F.i.08.1	65099	1	0	0	0	0	0	0	0
2218	RTA00000425F.j.20.1	26760	1	0	0	0	0	0	0	0
2220	RTA00000427F.f.24.1	64572	1	0	0	0	0	0	0	0
2221	RTA00000527F.a.13.1	37740	2	0	0	0	0	0	0	0
2225	RTA00000424F.a.09.4	77833	1	0	0	0	0	0	0	0
2227	RTA00000525F.f.07.1	37500	2	0	0	0	0	0	0	0
2228	RTA00000424F.j.07.1	79211	1	0	0	0	0	0	0	0
2229	RTA00000424F.m.10.1	34251	1	1	0	0	0	0	0	0
2231	RTA00000522F.g.06.1	78221	1	0	0	0	0	0	0	0
2232	RTA00000424F.h.03.1	74447	1	0	0	0	0	0	0	0
2233	RTA00000424F.n.06.1	74737	1	0	0	0	0	0	0	0
2234	RTA00000427F.c.22.1	63990	1	0	0	0	0	0	0	0
2235	RTA00000424F.k.12.1	77666	1	0	0	0	0	0	0	0
2236	RTA00000425F.f.02.1	76982	1	0	0	0	0	0	0	0
2237	RTA00000427F.h.11.1	26494	1	0	0	0	0	0	0	0



SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2238	RTA00000425F.j.16.1	75631	1	0	0	0	0	0	0	0
2240	RTA00000427F.f.17.1	63803	1	0	0	0	0	0	0	0
2241	RTA00000522F.o.18.1	76366	1	0	0	0	0	0	0	0
2242	RTA00000427F.j.22.1	66367	1	0	0	0	0	0	0	0
2243	RTA00000426F.p.10.1	65845	1	0	0	0	0	0	0	0
2244	RTA00000522F.m.02.1	76834	1	0	0	0	0	0	0	0
2247	RTA00000425F.e.15.1	75921	1	0	0	0	0	0	0	0
2250	RTA00000424F.n.13.1	74942	1	0	0	0	0	0	0	0
2251	RTA00000424F.g.14.1	74879	1	0	0	0	0	0	0	0
2252	RTA00000426F.e.17.1	64089	1	0	0	0	0	0	0	0
2256	RTA00000427F.g.19.1	64611	1	0	0	0	0	0	0	0
2258	RTA00000522F.c.01.1	74938	1	0	0	0	0	0	0	0
2259	RTA00000522F.g.17.1	76486	1	0	0	0	0	0	0	0
2260	RTA00000523F.j.17.1	63610	1	0	0	0	0	0	0	0
2261	RTA00000522F.n.14.1	73410	1	0	0	0	0	0	1	0
2263	RTA00000523F.e.20.1	65164	1	0	0	0	0	0	0	0
2264	RTA00000424F.c.15.3	73533	1	0	0	0	0	0	0	0
2265	RTA00000426F.p.09.1	66665	1	0	0	0	0	0	0	0
2266	RTA00000522F.p.09.1	75204	1	0	0	0	0	0	0	0
2267	RTA00000426F.m.21.1	64915	1	0	0	0	0	0	0	0
2268	RTA00000425F.j.21.1	77373	1	0	0	0	0	0	0	0
2270	RTA00000523F.h.21.1	41440	1	1	0	0	0	0	0	0
2271	RTA00000427F.h.24.1	65193	1	0	0	0	0	0	0	0
2272	RTA00000425F.f.24.1	40841	1	1	0	0	0	0	0	0
2273	RTA00000425F.m.03.1	76045	1	0	0	0	0	0	0	0
2274	RTA00000426F.m.08.1	63781	1	0	0	0	0	0	0	0
2275	RTA00000523F.d.24.1	64799	1	0	0	0	0	0	0	0
2276	RTA00000523F.c.14.1	66015	1	0	0	0	0	0	0	0
2277	RTA00000523F.b.20.1	66492	1	0	0	0	0	0	0	0
2278	RTA00000522F.h.07.1	75149	1	0	0	0	0	0	0	0
2279	RTA00000527F.g.10.1	37820	2	0	0	0	0	0	0	0
2282	RTA00000427F.i.22.1	63199	1	0	0	0	0	0	0	0
2284	RTA00000527F.n.07.1	15939	2	2	0	0	0	0	0	0
2285	RTA00000425F.e.09.1	75550	1	0	0	0	0	0	0	0
2286	RTA00000427F.h.02.1	63652	1	0	0	0	0	0	0	0
2287	RTA00000426F.f.16.1	65613	1	0	0	0	0	0	0	0
2288	RTA00000425F.i.21.1	75305	1	0	0	0	0	0	0	0
2289	RTA00000427F.k.19.1	62851	1	0	0	0	0	0	0	0
2291	RTA00000426F.g.16.1	41446	1	1	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2292	RTA00000527F.l.05.1	13016	4	0	0	1	1	0	0	0
2293	RTA00000426F.m.02.1	66237	1	0	0	0	0	0	0	0
2296	RTA00000522F.l.22.1	75801	1	0	0	0	0	0	0	0
2297	RTA00000427F.h.19.1	63047	1	0	0	0	0	0	0	0
2299	RTA00000522F.g.21.1	77310	1	0	0	0	0	0	0	0
2301	RTA00000522F.g.20.1	77688	1	0	0	0	0	0	0	0
2304	RTA00000425F.k.20.1	74048	1	0	0	0	0	0	0	0
2306	RTA00000522F.b.07.1	78634	1	0	0	0	0	0	0	0
2307	RTA00000426F.g.19.1	63672	1	0	0	0	0	0	0	0
2308	RTA00000525F.d.19.1	36860	2	0	0	0	0	0	0	0
2310	RTA00000427F.d.10.1	40685	1	1	0	0	0	0	0	0
2313	RTA00000424F.a.05.4	77976	1	0	0	0	0	0	0	0
2315	RTA00000424F.a.05.1	77976	1	0	0	0	0	0	0	0
2316	RTA00000522F.l.15.1	74691	1	0	0	0	0	0	0	0
2317	RTA00000425F.e.02.1	76143	1	0	0	0	0	0	0	0
2318	RTA00000525F.c.11.1	37895	2	0	0	0	0	0	0	0
2320	RTA00000522F.c.14.1	75449	1	0	0	0	0	0	0	0
2321	RTA00000424F.m.08.1	19402	1	2	0	0	0	0	0	0
2322	RTA00000527F.f.18.1	37577	2	0	0	0	0	0	0	0
2324	RTA00000522F.a.06.1	73662	1	0	0	0	0	0	0	0
2327	RTA00000522F.d.23.1	73868	1	0	0	0	0	0	0	0
2330	RTA00000523F.j.10.1	63384	1	0	0	0	0	0	0	0
2331	RTA00000527F.p.08.1	36013	2	0	0	0	0	0	0	0
2333	RTA00000426F.f.17.1	66334	1	0	0	0	0	0	0	0
2334	RTA00000523F.j.21.1	36925	2	0	0	0	0	0	0	0
2339	RTA00000523F.a.01.1	74923	1	0	0	0	0	0	0	0
2341	RTA00000427F.j.06.1	63676	1	0	0	0	0	0	0	0
2342	RTA00000424F.m.04.1	79017	1	0	0	0	0	0	0	0
2343	RTA00000523F.i.17.1	65779	1	0	0	0	0	0	0	0
2346	RTA00000525F.c.18.1	24208	2	1	0	0	0	0	0	0
2347	RTA00000527F.e.09.1	37521	2	0	0	0	0	0	0	0
2348	RTA00000424F.j.08.1	73972	1	0	0	0	0	0	0	0
2350	RTA00000527F.c.09.1	64859	1	0	0	0	0	0	0	0
2353	RTA00000523F.c.03.1	36913	2	0	0	0	0	0	0	0
2354	RTA00000427F.k.21.1	62880	1	0	0	0	0	0	0	0
2356	RTA00000427F.d.09.1	66486	1	0	0	0	0	0	0	0
2357	RTA00000426F.n.17.1	66572	1	0	0	0	0	0	0	0
2360	RTA00000426F.m.03.1	66480	1	0	0	0	0	0	0	0
2361	RTA00000424F.h.06.1	77552	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2362	RTA00000425F.d.06.1	77660	1	0	0	0	0	0	0	0
2363	RTA00000427F.e.12.1	62813	1	0	0	0	0	0	0	0
2366	RTA00000426F.n.23.1	18176	1	0	0	0	0	0	0	0
2367	RTA00000522F.m.19.1	41544	1	1	0	0	0	0	0	0
2368	RTA00000522F.a.05.1	32611	1	1	0	0	0	0	0	0
2369	RTA00000427F.i.09.1	65916	1	0	0	0	0	0	0	0
2370	RTA00000424F.j.09.1	74387	1	0	0	0	0	0	0	0
2371	RTA00000424F.n.11.1	73874	1	0	0	0	0	0	0	0
2373	RTA00000527F.e.13.1	37588	2	0	0	0	0	0	0	0
2375	RTA00000425F.j.19.1	77925	1	0	0	0	0	0	0	0
2376	RTA00000522F.g.12.1	78783	1	0	0	0	0	0	0	0
2377	RTA00000523F.a.07.1	75804	1	0	0	0	0	0	0	0
2378	RTA00000425F.e.19.1	73409	1	0	0	0	0	0	0	0
2379	RTA00000425F.n.19.1	78324	1	0	0	0	0	0	0	0
2384	RTA00000427F.k.07.1	63742	1	0	0	0	0	0	0	0
2387	RTA00000522F.a.17.1	79032	1	0	0	0	0	0	0	0
2388	RTA00000527F.l.19.1	36856	2	0	0	0	0	0	0	0
2389	RTA00000424F.i.11.1	41569	1	1	0	0	0	0	0	0
2391	RTA00000424F.d.19.3	73180	1	0	0	0	0	0	0	0
2392	RTA00000522F.j.09.2	78522	1	0	0	0	0	0	0	0
2393	RTA00000424F.m.24.1	77045	1	0	0	0	0	0	0	0
2394	RTA00000522F.j.19.2	76224	1	0	0	0	0	0	0	0
2398	RTA00000527F.j.12.2	37503	2	0	0	0	0	0	0	0
2399	RTA00000522F.g.11.1	75432	1	0	0	0	0	0	0	0
2400	RTA00000522F.k.02.2	77622	1	0	0	0	0	0	0	0
2401	RTA00000427F.e.13.1	66080	1	0	0	0	0	0	0	0
2402	RTA00000426F.f.18.1	63271	1	0	0	0	0	0	0	0
2403	RTA00000427F.a.12.1	63377	1	0	0	0	0	0	0	0
2404	RTA00000424F.b.23.4	77322	1	0	0	0	0	0	0	0
2408	RTA00000427F.f.02.1	36822	2	0	0	0	0	0	0	0
2410	RTA00000424F.i.15.1	78043	1	0	0	0	0	0	0	0
2412	RTA00000522F.m.03.1	79194	1	0	0	0	0	0	0	0
2413	RTA00000522F.a.20.1	74070	1	0	0	0	0	0	0	0
2414	RTA00000424F.b.15.4	74958	1	0	0	0	0	0	0	0
2415	RTA00000527F.g.14.1	37532	2	0	0	0	0	0	0	0
2416	RTA00000522F.d.06.1	74809	1	0	0	0	0	0	0	0
2418	RTA00000427F.e.10.1	64599	1	0	0	0	0	0	0	0
2419	RTA00000527F.c.16.1	22908	3	0	0	0	0	0	0	0
2421	RTA00000523F.f.17.1	63984	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2423	RTA00000527F.p.24.1	36832	2	0	0	0	0	0	0	0
2424	RTA00000425F.n.17.1	78304	1	0	0	0	0	0	0	0
2426	RTA00000425F.e.07.1	75992	1	0	0	0	0	0	0	0
2428	RTA00000523F.h.08.1	62893	1	0	0	0	0	0	0	0
2429	RTA00000522F.o.10.1	78798	1	0	0	0	0	0	0	0
2430	RTA00000425F.l.10.1	26893	1	0	0	0	0	0	0	0
2431	RTA00000427F.f.16.1	64122	1	0	0	0	0	0	0	0
2434	RTA00000425F.i.10.1	78736	1	0	0	0	0	0	0	0
2435	RTA00000426F.m.12.1	63740	1	0	0	0	0	0	0	0
2436	RTA00000527F.g.12.1	37746	2	0	0	0	0	0	0	0
2439	RTA00000425F.i.18.1	42255	1	1	0	0	0	0	0	0
2441	RTA00000424F.j.13.1	74485	1	0	0	0	0	0	0	0
2445	RTA00000424F.k.10.1	73232	1	0	0	0	0	0	0	0
2446	RTA00000522F.i.07.2	78377	1	0	0	0	0	0	0	0
2448	RTA00000522F.b.08.1	26915	1	0	0	0	0	0	0	0
2449	RTA00000522F.l.08.1	78781	1	0	0	0	0	0	0	0
2450	RTA00000525F.a.14.1	37566	2	0	0	0	0	0	0	0
2451	RTA00000424F.g.08.1	74928	1	0	0	0	0	0	0	0
2452	RTA00000425F.l.09.1	75251	1	0	0	0	0	0	0	0
2453	RTA00000522F.o.20.1	74853	1	0	0	0	0	0	0	0
2454	RTA00000527F.j.04.2	11809	3	1	0	0	0	0	0	0
2456	RTA00000523F.c.13.1	40668	1	1	0	0	0	0	0	0
2457	RTA00000427F.i.21.1	65540	1	0	0	0	0	0	0	0
2459	RTA00000522F.h.02.1	74947	1	0	0	0	0	0	0	0
2460	RTA00000522F.g.10.1	74294	1	0	0	0	0	0	0	0
2464	RTA00000425F.k.16.1	75282	1	0	0	0	0	0	0	0
2465	RTA00000525F.b.09.1	23472	2	1	0	0	0	0	0	0
2466	RTA00000522F.j.08.2	76613	1	0	0	0	0	0	0	0
2468	RTA00000523F.f.19.1	34169	1	1	0	0	0	0	0	0
2469	RTA00000425F.j.18.1	75561	1	0	0	0	0	1	0	0
2470	RTA00000426F.m.04.1	36865	2	0	0	0	0	0	0	0
2471	RTA00000527F.g.21.1	36028	2	0	0	0	0	0	0	0
2473	RTA00000525F.a.22.1	36848	2	0	0	0	0	0	0	0
2474	RTA00000522F.p.22.1	73322	1	0	0	0	0	0	0	0
2475	RTA00000424F.d.12.2	74342	1	0	0	0	0	0	0	0
2476	RTA00000424F.g.24.1	79156	1	0	0	0	0	0	0	0
2477	RTA00000427F.a.10.1	65370	1	0	0	0	0	0	0	0
2478	RTA00000426F.h.20.1	23187	3	0	0	0	0	0	0	0
2479	RTA00000424F.d.12.3	74342	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2480	RTA00000425F.c.03.1	74643	1	0	0	0	0	0	0	0
2481	RTA00000523F.f.16.1	26522	1	0	0	0	0	0	0	0
2482	RTA00000427F.f.15.1	66734	1	0	0	0	0	0	0	0
2485	RTA00000522F.p.18.1	76376	1	0	0	0	0	0	0	0
2493	RTA00000522F.g.18.1	73226	1	0	0	0	0	0	0	0
2495	RTA00000522F.h.05.1	73358	1	0	0	0	0	0	0	0
2497	RTA00000425F.n.16.1	18265	1	0	0	0	0	0	0	0
2498	RTA00000527F.l.21.1	36439	2	0	0	0	0	0	0	0
2501	RTA00000424F.d.17.3	73958	1	0	0	0	0	0	0	0
2502	RTA00000523F.j.02.1	62853	1	0	0	0	0	0	0	0

**Table 21. Clones Deposited on January 22, 1999**

cDNA Library Ref No.	cDNA ES17	cDNA ES18	cDNA ES19
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library			
	M00001368A:D07	M00001594A:D06	M00003906A:F04
	M00003917A:D02	M00001613D:H10	M00003908A:F12
	M00001673A:A04	M00001596D:E10	M00003914A:G09
	M00003868B:G11	M00001592C:G04	M00003915C:H04
	M00003917C:D03	M00001599D:A09	M00003905D:B08
	M00003791C:E09	M00001619B:A09	M00003908C:G09
	M00003870A:C05	M00001593B:E11	M00003914B:A11
	M00003922A:D02	M00001605A:E06	M00003916C:C05
	M00003861C:H02	M00001608A:D03	M00003959A:A03
	M00003931B:A11	M00001616C:A02	M00003905D:C08
	M00001679D:B05	M00001617A:D06	M00003908D:D12
	M00001679C:D05	M00001595C:E01	M00003901B:H04
	M00001687A:G01	M00001616C:A11	M00004031A:E01
	M00003945A:E09	M00001608C:E11	M00004029C:C12
	M00003908A:H09	M00001610C:E06	M00003911A:F10
	M00001649B:G12	M00001612B:D11	M00003914C:F09
	M00003813D:H12	M00001618B:E05	M00003963D:B05
	M00004087C:D03	M00001621C:C10	M00003986C:E09
	M00004269B:C08	M00001647A:H08	M00004031A:F07
	M00004348A:A02	M00001631D:B10	M00003907C:C02
	M00001679C:D01	M00001608D:E09	M00003911B:F08
	M00001490A:E11	M00001641B:C10	M00003914C:H05
	M00001387A:E10	M00001641D:E02	M00003918C:C12
	M00001397B:G03	M00001630D:H10	M00003914C:C02
	M00001441D:E04	M00001585C:D10	M00003914A:E04
	M00001352C:G09	M00001560A:H10	M00003903B:D03
	M00001370D:A12	M00001573B:C06	M00003905A:F09
	M00001387B:A06	M00001660C:D11	M00003867C:E11
	M00001397C:A10	M00001641C:C05	M00003870B:B08
	M00001536D:G02	M00001578B:B05	M00003879D:A08
	M00003895C:A10	M00001587C:C10	M00003891D:B10
	M00001464B:B03	M00001590B:C07	M00003901C:A08
	M00004370A:G05	M00001554A:E04	M00003903C:C04
	M00001490B:H11	M00001570C:G06	M00003905A:F10
	M00001530B:D10	M00001576A:B09	M00003906C:D06
	M00001579C:E09	M00001582A:H01	M00003907D:A12
	M00001587A:H03	M00001582B:E12	M00003905C:G11
	M00001457C:H12	M00001615B:F07	M00003914D:D10
	M00001535C:E01	M00001571C:A04	M00003972A:G09
	M00001561D:C05	M00001573D:D10	M00003975D:C06
	M00001589A:C01	M00001576A:F11	M00003905C:B02
	M00001664D:G07	M00001579C:G05	M00003907D:F11
	M00001565A:H09	M00001582D:A02	M00003914A:G06
	M00001381C:B08	M00001589B:E07	M00003914D:E03
	M00001395C:F11	M00001575B:B02	M00003972C:F08
	M00001429D:F11	M00001578C:G06	M00003976C:D06
	M00001449A:F01	M00001591A:B08	M00003907C:C04
	M00001391C:H02	M00001607A:F11	M00003905B:C06
	M00001429D:H12	M00001579C:E06	M00004088C:A12
	M00001450A:G11	M00001661C:F11	M00004103C:D04
	M00001344B:F12	M00001650B:C10	M00004107A:D01

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00001391D:C06	M00001654C:E04	M00004110A:E04
	M00003971A:A06	M00001656B:A08	M00004062A:H06
	M00001346A:E04	M00001662C:B02	M00004075D:C10
	M00001455C:G07	M00001656B:D05	M00004081D:H09
	M00001402D:F02	M00001661C:F10	M00004089A:B08
	M00001438D:C06	M00001663A:C11	M00004103D:F10
	M00001349B:G05	M00001669A:C10	M00004107B:B04
	M00001389C:A08	M00001651B:B12	M00004032C:B02
	M00001439B:A10	M00001653B:E06	M00004078C:F04
	M00001455B:A09	M00001659C:F02	M00004038B:H10
	M00001441B:D11	M00001661B:F03	M00004089A:E02
	M00001453A:B01	M00001663C:F10	M00004096B:F05
	M00001456D:E08	M00001669A:G12	M00004104C:H12
	M00001399A:C03	M00001674D:C10	M00004110D:A10
	M00004496C:H03	M00001651B:E06	M00004036D:F02
	M00004135D:G02	M00001651C:C05	M00004088C:E04
	M00004692A:E07	M00001657C:C07	M00004104D:A04
	M00004374D:E10	M00001662A:C12	M00004107D:E12
	M00004405D:C04	M00001663D:C06	M00004115D:D08
	M00004312B:H07	M00001590B:C05	M00003846A:D03
	M00003976C:A10	M00001483C:G06	M00004072C:F08
	M00004043A:D02	M00001653A:G07	M00004039B:G08
	M00004081C:H06	M00001625B:C10	M00003986D:D02
	M00004050D:A06	M00001626C:D12	M00003914A:B07
	M00001361B:C07	M00001634D:D02	M00003914D:B02
	M00004341B:G03	M00001641C:C06	M00003971B:B07
	M00001342B:E01	M00001642D:F02	M00003978C:A03
	M00004064D:A11	M00001647B:E04	M00003983B:C08
	M00004087A:G08	M00001632B:E05	M00004033D:D07
	M00004344B:H04	M00001639A:C11	M00004072D:H12
	M00004497A:H03	M00001642D:G10	M00004077B:H11
	M00001338C:E10	M00001624A:G11	M00004080A:F01
	M00001366D:E12	M00001626C:G08	M00004092C:B03
	M00001390D:E03	M00001672D:D04	M00004037B:C04
	M00001413B:H09	M00001639A:H06	M00004073C:D04
	M00004271B:B06	M00001662C:A04	M00004081A:A08
	M00004151D:E03	M00001641B:B01	M00004085B:B05
	M00001660B:C04	M00001673C:A02	M00004090C:C07
	M00003802D:B11	M00001650A:A12	M00004086D:B09
	M00001579C:E08	M00001659D:D03	M00004088D:B03
	M00001557D:C08	M00001661B:B05	M00004090C:C10
	M00003779B:E12	M00001671D:E10	M00004102C:D09
	M00001638A:D10	M00001652D:A06	M00004105C:E09
	M00003794A:B03	M00001654C:D05	M00004035A:G10
	M00001616C:F07	M00001656A:B07	M00003906A:H07
	M00001679A:F01	M00001647B:C09	M00004083B:G03
	M00001604C:E09	M00001635A:C06	M00001675B:E02
	M00001653B:E09	M00001482D:A04	M00003793C:D09
	M00001585A:F07	M00001485C:B10	M00003762B:H09
	M00003811D:A12	M00001457D:A07	M00001694C:F12
	M00001653C:F12	M00001461A:E05	M00001678D:C11
	M00001679D:F06	M00001477A:G07	M00001677D:B07

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00003751D:B02	M00001479D:H03	M00001677B:A02
	M00003801A:B10	M00001482C:D02	M00001675B:H03
	M00003844C:A08	M00001484D:G05	M00003808D:D04
	M00001636C:C01	M00001459B:D03	M00003752B:C02
	M00001669C:B01	M00001464B:C11	M00003819D:B11
	M00003755A:A09	M00001511A:A05	M00001677D:B02
	M00003798D:H08	M00001477B:C02	M00001694C:G04
	M00001444C:D05	M00001471A:D04	M00003789C:F06
	M00004040B:F10	M00001485C:H10	M00001678C:C06
	M00001355A:C12	M00001485D:E05	M00001675B:D02
	M00001401A:H07	M00001487C:G03	M00003750C:H05
	M00001393B:B09	M00001514A:B04	M00001694A:B12
	M00001409D:F11	M00001530C:G10	M00001677B:H06
	M00001387B:H07	M00001534A:G06	M00001675C:G01
	M00001394C:C11	M00001539A:C12	M00001675B:C01
	M00001344A:H07	M00001547A:F11	M00003857B:F07
	M00001490C:D07	M00001550D:A04	M00003812B:D07
	M00001352C:F06	M00001460A:F07	M00001694B:B08
	M00001476D:G03	M00001472C:A01	M00001677B:E06
	M00001399C:D09	M00001481B:A07	M00004037A:E04
	M00001347C:G08	M00001456D:F05	M00003870A:H01
	M00001453D:G12	M00001456D:G11	M00003842C:D11
	M00001382A:F04	M00001477D:F10	M00003828B:F09
	M00001392D:H04	M00001481A:G06	M00003856C:H09
	M00001429C:G12	M00001464A:B03	M00003851A:C10
	M00001454A:C11	M00001469A:G11	M00003841C:E04
	M00001517B:G08	M00001478B:D07	M00003837C:G08
	M00001535A:D02	M00001473A:C11	M00003828B:E07
	M00001352A:E12	M00001457A:G03	M00003772C:B12
	M00001381B:F06	M00001669B:G02	M00001677D:F03
	M00004117A:D11	M00001479D:G06	M00001678B:B12
	M00004217C:D03	M00001473D:B11	M00001678D:G03
	M00004270A:F11	M00001475A:A12	M00001675C:F01
	M00003996A:A06	M00001460A:G07	M00003809A:H04
	M00004056B:D09	M00001464A:D03	M00003771D:G05
	M00004142A:B12	M00001473D:G01	M00001678A:F05
	M00001396D:B03	M00001476D:C05	M00001677B:B06
	M00001370D:E12	M00001484A:A10	M00003794A:E12
	M00001390C:C11	M00001457C:F02	M00003771B:E05
	M00003989A:H11	M00001459B:A12	M00001678A:A11
	M00001426A:A09	M00001464A:E07	M00003805B:C04
	M00004498D:D05	M00001467A:B03	M00001680B:E10
	M00001391B:G12	M00001514A:B08	M00001679B:H07
	M00001391D:D10	M00001464A:B07	M00003904D:B12
	M00001376B:A02	M00001579A:C03	M00003856C:B08
	M00001405B:D07	M00001517A:G08	M00003858D:G06
	M00001368A:A03	M00001530B:G09	M00003870B:F04
	M00001392D:B11	M00001538A:F12	M00003871C:B05
	M00003900D:B10	M00001540C:B03	M00003875A:C04
	M00001494B:C01	M00001547A:F06	M00003901B:A09
	M00001352C:A05	M00001550A:F07	M00003901C:D03
	M00001408B:G06	M00001567B:G11	M00003904C:B06



cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00004252C:E03	M00001572A:A10	M00003901C:F09
	M00003901C:A03	M00001575B:G01	M00003904D:B10
	M00004071D:A10	M00001487D:C11	M00003850D:H11
	M00001377B:H01	M00001577B:A03	M00003902B:D06
	M00003939A:A02	M00001539D:E10	M00003879A:C01
	M00004250D:D10	M00001587A:F05	M00003877D:G05
	M00004290A:B03	M00001560A:F03	M00003881D:C12
	M00003911D:B04	M00001569B:G11	M00003903A:H09
	M00004128B:G01	M00001573A:A06	M00003905A:A06
	M00004142A:D08	M00001575D:A10	M00003875D:D09
	M00003977A:E04	M00001583A:D01	M00003879B:A06
	M00004236C:D10	M00001587A:F08	M00003823D:G05
	M00004388B:A08	M00001590B:B02	M00003763A:C01
	M00004409B:A11	M00001553A:E07	M00003903B:C02
	M00003965A:B11	M00001560A:H06	M00003905A:E07
	M00003988A:E10	M00001589C:A11	M00003867A:D12
	M00004138A:H09	M00001538A:C08	M00003857C:C09
	M00003933C:D06	M00001531A:H03	M00003829C:D10
	M00004193C:G11	M00001548A:G01	M00003839D:E02
	M00004039C:C01	M00001531A:H07	M00003841C:F03
	M00003924B:D04	M00001542A:E04	M00003903D:C06
	M00004375C:D01	M00001487A:F10	M00003852D:E08
		M00001503C:G05	M00003845D:A09
		M00001511A:G08	M00003824A:G10
		M00001539A:H12	M00003841C:F06
		M00001542A:F06	M00003848A:C09
		M00001549A:F01	M00003857C:F11
		M00001514A:A12	M00003816C:C01
		M00001516A:D05	M00003843A:E08
		M00001546C:C07	M00003850A:F06
		M00001549A:H11	M00003813B:A11
		M00001538A:D03	M00003855C:F10
		M00001544A:C09	M00003850D:B05
		M00001546B:F12	M00003841D:F06
		M00001550A:D09	M00003858B:G05
		M00001487B:F02	M00003854D:A12
		M00001513A:G07	M00003857C:G01
		M00001530A:F12	M00003816C:E09
		M00001538A:D12	M00003813A:G04
		M00001587A:G06	M00003850D:A05
		M00001551A:D04	
		M00001485B:C03	

Table 22. Clones Deposited on January 22, 1999

cDNA Ref No.: ATCC Accession No. Clone Names in Library	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004891D:A07	M00001623B:G07	M00001550D:H02
	M00004118B:C11	M00001619D:G05	M00001549C:D02
	M00004105A:B10	M00001616C:C09	M00001549A:A09
	M00004099A:F11	M00001615C:F03	M00001548A:B11
	M00004037C:D07	M00001614D:D09	M00001546C:G10
	M00004033D:C05	M00001608B:A03	M00001544C:C06
	M00003983D:A09	M00001607D:F07	M00003820B:C05
	M00004029B:H08	M00001623D:C10	M00001543A:H12
	M00004927A:A02	M00001599B:E09	M00001540C:B10
	M00003983C:F10	M00001632C:C09	M00001552B:G05
	M00003980B:C06	M00001605C:D12	M00001543C:F01
	M00004033D:B07	M00001625D:C07	M00001552D:G08
	M00004034C:E08	M00001629B:E06	M00001554B:B07
	M00005100B:H07	M00001594A:B12	M00001555A:B01
	M00005136A:D10	M00001632C:A02	M00001557A:F01
	M00005173D:H02	M00001567C:H12	M00001558A:E11
	M00004891D:C11	M00001635C:A03	M00001561C:E11
	M00004101A:F07	M00001636C:H09	M00001571D:B11
	M00003982B:B06	M00001638A:E07	M00001563B:D11
	M00004108C:E01	M00001639A:F10	M00001569C:B06
	M00005136D:B07	M00001656C:G08	M00001539B:H06
	M00004118D:A11	M00001632A:F12	M00001571B:E03
	M00005102C:C01	M00001557A:D02	M00001561D:C11
	M00005177C:A01	M00001529B:C04	M00001487C:D06
	M00004927C:H11	M00001534B:C12	M00001454B:D08
	M00005174D:B02	M00001535D:C01	M00003772D:E10
	M00004027A:D06	M00001536D:A12	M00001573C:D03
	M00005217A:G10	M00001540B:C09	M00001454D:E05
	M00003984A:B06	M00001540D:D02	M00001455D:F09
	M00003851C:D07	M00001541C:B07	M00001457C:C11
	M00003959C:G06	M00001546B:B02	M00001459B:C09
	M00005100B:G11	M00001575B:C09	M00001460A:E01
	M00005213C:G01	M00001554B:C07	M00001460C:H02
	M00003982B:H07	M00001578D:C04	M00001456A:H02
	M00004029C:B03	M00001557C:H07	M00001477B:F04
	M00004033D:G06	M00001558B:D08	M00003845D:B04
	M00004091B:H09	M00001560D:A03	M00001488A:E01
	M00003959D:A04	M00001561C:F06	M00001492D:A11
	M00004030D:B06	M00001564D:C09	M00001496C:G10
	M00004034C:C06	M00003748B:F02	M00001499A:A05
	M00004030C:D12	M00001570D:A03	M00001500A:B02
	M00003982C:H10	M00001660C:B12	M00001500D:E10
	M00003971C:F09	M00001577B:H02	M00001513D:A03
	M00004031B:A06	M00001548A:A08	M00001528A:C11
	M00003966B:D02	M00003868B:D12	M00001528C:H04
	M00004028B:G08	M00001718D:F07	M00001531B:E09
	M00004031C:H10	M00003829C:A11	M00001463A:F06
	M00004076D:B09	M00003832B:E01	M00003755A:B03

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004092D:B11	M00003842B:D09	M00001653B:G07
	M00003981C:F05	M00003845A:H12	M00001654D:G11
	M00004031D:F05	M00003847B:G03	M00001656B:A07
	M00004097B:D03	M00003847C:E09	M00001664B:D06
	M00003986D:G07	M00003853D:G08	M00001664C:H10
	M00004033B:C02	M00003828A:E04	M00001680B:C01
	M00004037B:A04	M00003867C:H09	M00001681A:F03
	M00004092C:B12	M00003822A:F02	M00001684B:G03
	M00005140D:G09	M00003868C:H10	M00001771A:A07
	M00004897D:G05	M00003871A:A05	M00003774C:D02
	M00004960B:D12	M00003879C:G10	M00003754D:D02
	M00005134C:G04	M00003880C:F10	M00001640B:F03
	M00005139A:F01	M00003881D:D06	M00003763B:H01
	M00005176A:C12	M00003884D:G07	M00003812C:A05
	M00005178A:A07	M00003887A:A06	M00003803C:D09
	M00005212A:A02	M00003889A:D10	M00003801B:B10
	M00005229D:H07	M00003889D:B09	M00003798D:E03
	M00004115C:H04	M00003858D:F12	M00003773B:G01
	M00004687A:C03	M00003774B:B08	M00003771A:G10
	M00004900C:E11	M00001680D:D02	M00001452A:E07
	M00004695B:E04	M00001528A:F09	M00004029B:F11
	M00005134D:A06	M00003748A:B07	M00003751B:A05
	M00004103B:B07	M00001655A:F06	M00001609B:A11
	M00005177A:B06	M00003750A:D01	M00001573D:F10
	M00005178A:A08	M00003761D:E02	M00001579C:B11
	M00004104D:B05	M00003763D:E10	M00001579C:H10
	M00004117B:G01	M00003768A:E02	M00001579D:G07
	M00004900D:B10	M00003829B:G03	M00001583B:E10
	M00005134D:H03	M00003772A:D07	M00001586D:E02
	M00005173C:A02	M00001661B:C08	M00001587D:A10
	M00005177A:H09	M00003778A:D08	M00001589A:D12
	M00005178B:H01	M00003799A:D09	M00001590C:H08
	M00005216C:B09	M00003800A:C09	M00001651B:A11
	M00003826B:E11	M00003804A:H04	M00001597A:E12
	M00001596A:G06	M00003806D:G05	M00001649C:B10
	M00005100B:D02	M00003808C:B05	M00001614A:E06
	M00005137A:E01	M00003811A:E03	M00001615C:D02
	M00004119A:A06	M00003815D:H09	M00001621D:D03
	M00004891D:E07	M00003818B:G12	M00001623D:G03
	M00004958B:D01	M00003769B:D03	M00001624A:F09
	M00005102C:F09	M00001390A:A09	M00001624C:A06
	M00005136D:C01	M00001432A:E06	M00001630B:A11
	M00005174D:H02	M00001381A:D02	M00001634B:C10
	M00005177C:B04	M00001383A:G04	M00001639D:B07
	M00005218B:D09	M00001384C:E03	M00001573D:F04
	M00004102C:F03	M00001384C:F12	M00001595B:A09
	M00004114B:D09	M00001384D:H07	M00004156B:A12
	M00004119D:A07	M00001385B:F10	M00004319D:G09
	M00004895C:G05	M00001385C:H11	M00004096A:G02
	M00004235A:A12	M00001386A:C02	M00004101C:G08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00005134B:E01	M00001372C:F07	M00004102A:H02
	M00004115C:G03	M00001389D:G11	M00004108A:A09
	M00005175B:H04	M00001371D:G01	M00004111D:D11
	M00005214B:D11	M00001392C:D10	M00004115D:C08
	M00004102D:B05	M00001392D:H06	M00004118D:E08
	M00004115A:B12	M00001397B:B09	M00004121C:F06
	M00004119D:H06	M00001398A:G03	M00004131B:H09
	M00004897D:F03	M00001400A:F06	M00004141D:A09
	M00004960B:A09	M00001410B:G05	M00004090A:F09
	M00005134C:E11	M00001413A:F02	M00004146A:C08
	M00005138B:D12	M00001415B:E09	M00004078B:A11
	M00005176A:A05	M00001425A:C11	M00004176B:E08
	M00005214C:A09	M00001386A:D11	M00004188C:A09
	M00004102C:D01	M00001354C:B06	M00004233C:H09
	M00004960B:A08	M00001339D:G02	M00004241D:F11
	M00001476D:A09	M00001660A:C12	M00004246C:A09
	M00001572A:B06	M00001528A:A01	M00004247C:C12
	M00005217D:F12	M00001343D:C04	M00004248B:E08
	M00005233A:G08	M00001347B:E01	M00004257C:H06
	M00005236B:F10	M00001348A:D04	M00004260D:C12
	M00005259B:C01	M00001349C:C05	M00004295B:D02
	M00005254D:B08	M00001350A:D06	M00004040D:F01
	M00005259C:B05	M00001352D:C05	M00004142D:E10
	M00001575A:D06	M00001380C:E05	M00003853D:D03
	M00005259D:H08	M00001354B:B10	M00003860D:H07
	M00003813C:D08	M00001380C:F02	M00003878C:E04
	M00001530D:E06	M00001354C:C10	M00003879A:G05
	M00004891B:B12	M00001355B:G11	M00003880B:C08
	M00001596B:C11	M00001356D:F06	M00003881A:D09
	M00004300C:H09	M00001360D:E11	M00003881C:G09
	M00001486D:D12	M00001361C:H11	M00003901B:A05
	M00001585D:F03	M00001362C:A10	M00003904D:D10
	M00001596B:D09	M00001363C:H02	M00003905C:G10
	M00001570D:E06	M00001366D:G02	M00003906B:F12
	M00001582C:E01	M00001369A:H12	M00003909A:H04
	M00001586C:E06	M00001352D:D02	M00004091B:D11
	M00001593B:D10	M00001485D:B10	M00003963A:E03
	M00001595C:H11	M00001457B:E03	M00004353C:H07
	M00001596B:H05	M00001457C:C12	M00003919A:A10
	M00001576A:C11	M00001458C:E01	M00003938A:B04
	M00001596C:F09	M00001462B:A10	M00003939C:F04
	M00001567A:H05	M00001464D:F06	M00003946D:C11
	M00001585D:D11	M00001467D:H05	M00003979A:F03
	M00004688A:A02	M00001468B:H06	M00003985C:F01
	M00004927A:E06	M00001505C:H01	M00003997B:G07
	M00005229D:H09	M00001470A:H01	M00003860D:A01
	M00004117B:A12	M00001457A:B07	M00004035A:A04
	M00004187D:G09	M00001479B:A01	M00004042D:H02
	M00005173B:F01	M00001469D:D02	M00004073B:B01
	M00005218A:G05	M00001487A:A05	M00003946A:H10

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004118A:H08	M00001352C:H02	M00001423D:A09
	M00005134A:D11	M00001488D:C10	M00004314B:G07
	M00005176C:C09	M00001490C:C12	M00001405D:D11
	M00005230D:F06	M00001493B:D09	M00001408A:H04
	M00005234D:B04	M00001504D:D11	M00001408D:D04
	M00005101C:E09	M00001376B:C06	M00001411D:F05
	M00004206A:E02	M00001506B:D09	M00001412A:E04
	M00001570C:A05	M00001511B:C06	M00001413A:F03
	M00005231A:H04	M00001476B:F10	M00001417B:C04
	M00005235A:A03	M00001450D:D04	M00001417D:A04
	M00004118B:B04	M00001433A:G07	M00001418B:F07
	M00005136D:D06	M00001470C:B10	M00001419D:C10
	M00005231C:B01	M00001437D:C04	M00001402B:F12
	M00004153B:B03	M00001447C:C01	M00001423A:G05
	M00004897C:D06	M00001448B:F06	M00001401C:H03
	M00005136D:G06	M00001449D:A06	M00001423D:D12
	M00005212B:A02	M00001433B:H11	M00001424B:H04
	M00005232A:C10	M00001451D:C10	M00001428B:A09
	M00004692A:H10	M00001452A:C07	M00001430A:A02
	M00005101C:B09	M00001453C:A11	M00001432D:F05
	M00004144A:F04	M00001456B:C09	M00001438B:B09
	M00003852B:D11	M00001454B:G03	M00001445B:E04
	M00001660D:E05	M00001454B:G07	M00001445C:A08
	M00003808A:F09	M00001454C:C08	M00001446C:D09
	M00001656A:D10	M00001454C:F02	M00001448A:G09
	M00001671A:H06	M00001454D:D06	M00001449C:H12
	M00003809C:H07	M00001456B:F10	M00001422C:F12
	M00003853C:C06	M00001455D:A09	M00001352C:H10
	M00003860A:A08	M00001455D:A11	M00004375A:H01
	M00003822B:D08	M00001448D:F09	M00004380B:A05
	M00003845A:E12		M00004444B:D11
	M00003854C:C02		M00001338B:E02
	M00003860B:G09		M00001341A:F12
	M00003822B:G01		M00001344A:G07
	M00001670A:C11		M00001345A:G11
	M00003852A:B03		M00001345B:E10
	M00003829D:A11		M00001345C:B01
	M00003854C:F01		M00001346B:B07
	M00003856B:C04		M00001405B:E09
	M00003905A:H11		M00001352B:F04
	M00001530A:F11		M00001451C:E01
	M00003840B:E07		M00001361A:H07
	M00003905B:G03		M00001362B:H06
	M00003840B:E08		M00001372C:G12
	M00003855A:C12		M00001375B:G12
	M00003905B:H05		M00001376A:C05
	M00003826B:B04		M00001376B:A08
	M00003851C:B06		M00001377C:E12
	M00003853B:C08		M00001382B:F12
	M00003829A:F03		M00001385A:F12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00001638C:G01		M00001394A:E04
	M00003845D:B02		M00001395A:C09
	M00001653D:G07		M00001396A:H03
	M00001578B:A02		M00001350B:G11
	M00001590B:H10		
	M00001595C:A09		
	M00001596A:E07		
	M00001607A:B06		
	M00001607A:D10		
	M00001652C:B09		
	M00001671B:F02		
	M00001632C:D08		
	M00001638C:H07		
	M00001652D:B09		
	M00001614C:E11		
	M00001633B:B11		
	M00001651C:A04		
	M00001639D:G12		
	M00001671C:F11		
	M00001638A:B04		
	M00001637C:H12		
	M00001669B:H06		
	M00001639D:F02		
	M00001590A:C08		
	M00001636A:C02		
	M00001614A:A04		
	M00001639D:G06		

**Table 23. Library Deposited on January 22, 1999**

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
Clone Names in	M00001449D:B01	M00001594D:B08
Library	M00001476D:F03	M00001593A:B07
	M00001456C:B12	M00001594A:C01
	M00001469B:B01	M00001594A:D08
	M00001471A:B04	M00001594A:G09
	M00001472A:D08	M00001595C:B05
	M00001473A:A07	M00001594B:F12
	M00001473C:D09	M00001596D:E03
	M00001475B:C04	M00001594D:C03
	M00001475C:G11	M00001592C:F11
	M00001476A:D11	M00001590D:G07
	M00001476B:D10	M00001595D:A04
	M00001468A:C05	M00001595D:G03
	M00001476C:C11	M00001601A:A06
	M00001467A:H07	M00001590C:F10
	M00001477B:E02	M00001589B:B08
	M00001478B:H08	M00001589C:E06
	M00001479C:E01	M00001611B:A05
	M00001480A:D03	M00001601A:E02
	M00001480C:A05	M00001587A:D01
	M00001481A:H08	M00001591B:B12
	M00001481B:D09	M00001590B:G08
	M00001482A:H05	M00001592C:E05
	M00001482D:H11	M00001591B:B06
	M00001483C:G09	M00001591D:C07
	M00001485A:C05	M00001591D:F06
	M00001476B:F08	M00001592A:E02
	M00001460A:E11	M00001592A:H05
	M00001456C:C11	M00001592B:A04
	M00001457A:C05	M00001587A:B10
	M00001457A:G12	M00001609D:G10
	M00001458A:A11	M00005231D:B09
	M00001458C:D10	M00001614B:E08
	M00001458D:A01	M00005217C:C01
	M00001458D:A02	M00001587A:B01
	M00001458D:C11	M00001613D:B03
	M00001458D:D01	M00001613A:F03
	M00001459B:C11	M00001611C:H11
	M00001468A:H10	M00001611C:C12
	M00001460A:C10	M00001611B:E06
	M00001485B:F05	M00001611B:A09
	M00001460A:H11	M00001610D:D05
	M00001461A:F05	M00001610B:C07
	M00001462A:D03	M00001610C:E07
	M00001464A:B02	M00001610A:E09
	M00001464A:E10	M00001601A:E12
	M00001465A:B12	M00001609B:C09
	M00001465A:C12	M00001608D:D11
	M00001465A:E10	M00001608B:A09

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
	M00001465A:G06	M00001607D:F06
	M00001466A:F08	M00001607B:C05
	M00001467A:C10	M00001606A:H09
	M00001460A:B12	M00001605A:H03
	M00001545A:B12	M00001605A:E09
	M00001535A:D10	M00001605A:A06
	M00001536A:F11	M00001604A:C11
	M00001537A:H05	M00001604A:C07
	M00001539A:E01	M00001604A:B08
	M00001539A:H02	M00001604A:A09
	M00001539B:G07	M00001610A:H05
	M00001539D:B10	M00005214B:A06
	M00001540D:E02	M00005228A:A09
	M00001541B:E05	M00001567A:B09
	M00001542A:G12	M00001561A:D01
	M00001485B:D09	M00001559A:C08
	M00001545A:B10	M00001559A:A11
	M00001533A:G05	M00001558A:G09
	M00001545A:F02	M00001555A:B12
	M00001545A:G05	M00001554A:A08
	M00001546A:D08	M00001552A:H10
	M00001548A:H04	M00001552A:F06
	M00001550A:E07	M00005231C:B07
	M00001551A:A11	M00005218D:G10
	M00001551A:D06	M00001570A:H01
	M00001551A:H06	M00005214D:D10
	M00001551D:H07	M00001570C:G03
	M00001552A:E10	M00005213C:A01
	M00001450A:B08	M00005212D:F08
	M00001544A:F05	M00005212A:D10
	M00001512A:G05	M00005211C:E09
	M00001483B:D04	M00005211A:E09
	M00001485B:H03	M00005210D:C09
	M00001485C:C08	M00005179D:B03
	M00001486B:D07	M00005179B:H02
	M00001486B:E12	M00005177D:F09
	M00001487B:A11	M00005177C:G04
	M00001487B:E10	M00005177B:H02
	M00001507A:A11	M00001614D:B08
	M00001507A:B02	M00001615A:D06
	M00001507A:C05	M00005216B:D02
	M00001507A:E04	M00001579C:A01
	M00001534A:D03	M00001585B:C03
	M00001511A:G01	M00001585B:A06
	M00001533D:A08	M00001584D:H02
	M00001513A:F05	M00001584A:G03
	M00001514A:G03	M00001583D:B08
	M00001516A:D02	M00001583B:F02
	M00001516A:F06	M00001583A:F07
	M00001517A:B11	M00001583A:A05



cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001529D:C05	M00001582D:F02
	M00001530A:A09	M00001582D:B01
	M00001530A:E10	M00001582A:A03
	M00001532A:C01	M00001579D:H09
	M00001532D:A06	M00001567D:B03
	M00001485B:D10	M00001579C:H06
	M00001511A:A02	M00001585B:F01
	M00004249D:B08	M00001579B:F04
	M00004185D:E04	M00001579A:E03
	M00004188D:G08	M00001578C:F05
	M00004197C:F03	M00001577D:H06
	M00004198B:D02	M00001577B:F10
	M00004204D:C03	M00001576C:G05
	M00004208B:F05	M00001575D:D12
	M00004208D:B10	M00001575D:B10
	M00004210B:B05	M00001575D:A02
	M00001362D:H01	M00001573B:G08
	M00004216D:D03	M00001573A:E01
	M00004167A:H03	M00001572A:B05
	M00004275A:B03	M00001571D:F05
	M00004285C:A08	M00001579D:F04
	M00004316A:G09	M00001636A:F08
	M00004465B:D04	M00001643B:E05
	M00004493B:D09	M00001642C:G02
	M00001347B:H04	M00001642A:F03
	M00001351C:B06	M00001641D:C04
	M00001360A:G10	M00001641C:H07
	M00004216D:C03	M00001641C:F01
	M00004076D:D04	M00001641C:D02
	M00001484C:A04	M00001641B:F12
	M00001456B:G01	M00001634A:B04
	M00003972D:C09	M00001636B:G11
	M00003974C:E04	M00001649C:D05
	M00003979A:E11	M00001636A:C03
	M00003983C:F03	M00001635D:D05
	M00003989B:F11	M00001635D:C12
	M00004031D:B05	M00001635B:H02
	M00004177C:A01	M00001635B:H01
	M00004076B:G03	M00001634D:G11
	M00004167D:A07	M00001634D:D04
	M00004078A:A06	M00001634A:H05
	M00004085A:B02	M00001641A:A11
	M00004107B:A06	M00001638B:E12
	M00004111C:E11	M00001640A:H02
	M00004130D:H01	M00001614C:E06
	M00004157D:B03	M00001636D:F09
	M00004159C:F09	M00001637A:A03
	M00004162C:A07	M00001637A:A06
	M00004135B:G01	M00001637A:E10
	M00004040A:G12	M00001637A:F10

cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001453B:H12	M00001637C:C06
	M00001448A:E11	M00001644A:H01
	M00001448B:F09	M00001638B:E03
	M00001448B:H05	M00001649A:E11
	M00001448C:E11	M00001638B:F10
	M00001448C:F10	M00001639A:C03
	M00001448D:F12	M00001639A:G07
	M00001449B:B03	M00001639B:H01
	M00001449C:C05	M00001639B:H05
	M00001449D:G10	M00001639C:A09
	M00001448A:B12	M00001639C:C02
	M00001453A:D08	M00001649C:E11
	M00001451B:A04	M00001649C:H10
	M00001454A:F11	M00001637C:E03
	M00001454A:G03	M00001617A:A08
	M00001455A:F04	M00001622A:H12
	M00001455B:E07	M00001621C:H12
	M00001455D:A06	M00001621B:G05
	M00001364B:B06	M00001620D:H02
	M00004117A:G01	M00001620D:G11
	M00001455D:D11	M00001619D:D10
	M00001456B:A06	M00001619C:C07
	M00001451A:C10	M00001619A:E05
	M00001395A:E03	M00001623A:F04
	M00001366D:C06	M00001618A:A03
	M00001365A:H10	M00001618B:D09
	M00001366D:C12	M00001617A:A01
	M00001373D:B03	M00001616D:C11
	M00001453B:F08	M00001615C:G05
	M00001444D:C01	M00001615C:A11
	M00001375B:C06	M00001615B:G07
	M00001392C:D05	M00001633D:H06
	M00001395A:A12	M00001639C:A10
	M00001395A:H02	M00001615B:A09
	M00001397D:G08	M00001615B:G01
	M00001434A:B10	M00001618A:F10
	M00001416A:D09	M00001632C:H07
	M00001433C:F10	M00001633D:D12
	M00001416A:H02	M00001633D:D09
	M00001428D:B10	M00001618A:F08
	M00001428B:D01	M00001633D:G09
	M00001426D:D12	M00001624A:A03
	M00001400C:D02	M00001633C:F09
	M00001427C:D01	M00001633C:H05
		M00001633C:B09
		M00001633A:E06
		M00001633C:H11
		M00001632C:B10
		M00001625D:G10
		M00001631D:G05

cDNA Ref No.:	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
		M00001629C:E07
		M00001629B:B08
		M00001626C:E04
		M00001626C:C11
		M00001632A:B10
		M00001624B:B10
		M00001633C:A05
		M00001625C:G05

Table 24. Clones Deposited on January 22, 1999

cDNA Ref No.:	cDNA Ref ES31	cDNA Ref No. ES32	cDNA Ref ES33
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library			
	M00003843A:E04	M00003906A:F12	M00005254D:A10
	M00003842C:G03	M00003906B:H06	M00005260B:E11
	M00003842A:A03	M00003906C:C05	M00005260A:F04
	M00003841D:A04	M00003907A:F01	M00005260A:A12
	M00003841B:E06	M00003907B:C03	M00005259B:D12
	M00003841C:H11	M00003907B:D05	M00005257D:H11
	M00003844A:A11	M00003918A:D08	M00005257D:G07
	M00003841C:F01	M00003918A:F09	M00005257D:A06
	M00003841C:H08	M00003918C:H10	M00005257C:G01
	M00003841C:D07	M00003924A:D08	M00005257A:H11
	M00003844D:A07	M00003958B:E11	M00005236B:H10
	M00003845D:G08	M00003958B:H08	M00005236B:G03
	M00003852C:B06	M00003960A:G07	M00005257C:E05
	M00003854B:A07	M00003971B:A10	M00001608C:D02
	M00003854B:D04	M00003972D:H02	M00001608C:G04
	M00003859D:C05	M00003973C:C03	M00001608D:F11
	M00003860B:F11	M00003974B:B11	M00001609C:A12
	M00003867B:G07	M00003974D:F02	M00001609C:G05
	M00003867B:G08	M00003974D:H04	M00001610C:B07
	M00003841B:E03	M00003975C:F07	M00001612D:D12
	M00003822D:B10	M00003977C:A06	M00001612D:F06
	M00003867D:A06	M00003977C:B03	M00001613A:D02
	M00003868B:G06	M00003977D:A03	M00001614A:B10
	M00003867B:D10	M00003977D:A06	M00001614C:G07
	M00003831C:G05	M00003977D:D04	M00001615C:E07
	M00003901C:B01	M00003978D:G04	M00001625C:F10
	M00003868C:C07	M00003980A:F04	M00001626D:A02
	M00003820A:A08	M00003980B:C11	M00001629A:H09
	M00003820B:D07	M00003981C:B04	M00001629D:B10
	M00003820B:D10	M00003982A:B12	M00001629D:D10
	M00003822D:C06	M00003982C:G04	M00001630C:F09
	M00003823B:F07	M00003984D:B08	M00001631A:D03
	M00003824C:D07	M00003985B:G04	M00001631A:F06
	M00003825B:B10	M00003985D:E10	M00001631A:F12
	M00003825B:B11	M00003986B:A08	M00001631B:H04
	M00003828A:D05	M00003986C:D09	M00001633A:F11
	M00003822D:D04	M00003986D:C08	M00001633A:G10
	M00003830C:A03	M00003987B:E12	M00001633B:A12
	M00003840D:H10	M00003987B:F08	M00001633B:E03
	M00003832A:A09	M00003987C:G03	M00001633C:A08
	M00003833B:B03	M00003988D:A08	M00001633C:E12
	M00003833B:C12	M00003989C:D03	M00001635B:B02
	M00003834B:G04	M00003989C:G05	M00001636A:H12
	M00003835A:A09	M00003989D:F12	M00001638A:C08
	M00003835B:H11	M00004029B:F01	M00001638B:C08
	M00003835D:G06	M00004029C:C05	M00001639D:C12
	M00003837C:E05	M00004029C:G10	M00001640A:F05
	M00003837C:F10	M00004030D:F11	M00001642D:G08

cDNA Ref No.; ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003839A:D07	M00004034A:A01	M00001647D:G07
	M00003839D:E11	M00004034C:G02	M00001649A:E10
	M00003829C:H05	M00004034D:E09	M00001650D:D10
	M00003901B:C03	M00004035B:H09	M00001650D:F11
	M00003878C:F06	M00004036D:B04	M00001651C:D11
	M00003878C:G08	M00004036D:B09	M00001651C:G12
	M00003879A:A02	M00004038A:F02	M00001652B:D06
	M00003879A:B08	M00004038D:G06	M00001652D:G02
	M00003879A:C11	M00004039A:C03	M00001652D:G06
	M00003879A:D02	M00004039A:H11	M00001653A:A05
	M00003879B:G02	M00004039B:A05	M00001653D:H07
	M00003880B:D11	M00004039B:E12	M00001654A:E08
	M00003880C:E11	M00004040C:A01	M00001654B:A01
	M00003880C:H03	M00004051D:E01	M00001654C:D10
	M00003901B:F10	M00004072D:F09	M00001654C:G07
	M00003890B:C08	M00004073A:D10	M00001654C:G09
	M00003877C:A11	M00004075B:G09	M00001655C:C07
	M00003819D:B01	M00004076A:D12	M00001655D:E08
	M00003901B:G11	M00004076D:H07	M00001655D:H11
	M00001692A:G06	M00004078A:C11	M00001656A:H12
	M00003903C:C05	M00004078A:E05	M00001656C:C04
	M00003903C:E12	M00004078A:F07	M00001656D:C04
	M00003903D:C12	M00004078B:C11	M00001657C:C11
	M00003903D:D10	M00004078B:F12	M00001657D:A10
	M00003903D:H11	M00004079D:G08	M00001659D:A09
	M00003904A:C04	M00004081A:E02	M00001661D:D05
	M00003904B:C03	M00004081A:G01	M00001664B:E08
	M00003904C:A08	M00004081C:A10	M00001664B:F06
	M00003881B:F10	M00004083A:E08	M00001669B:C12
	M00003871D:G06	M00004083B:C01	M00001669C:B09
	M00003868D:D09	M00004086D:G08	M00001670A:F09
	M00003868D:D11	M00004087B:A12	M00001678C:F09
	M00003870C:A01	M00004087C:A01	M00001693A:H06
	M00003870C:A10	M00004088C:F01	M00003805D:E06
	M00003870C:E10	M00004088D:A11	M00003806C:A06
	M00003871A:A02	M00004088D:B05	M00003809B:A03
	M00003871A:B09	M00004088D:B10	M00003810A:A02
	M00003871A:C11	M00004090B:B04	M00003810B:B11
	M00003871A:G09	M00004090B:H06	M00003810C:B06
	M00003871C:E04	M00004092B:E05	M00003810D:H09
	M00003871C:F12	M00004093C:C02	M00003811C:C02
	M00003878C:D08	M00004096D:H03	M00003813B:F02
	M00003871D:E11	M00004099D:F01	M00003813C:H08
	M00003877C:G12	M00004100B:C07	M00003813D:B12
	M00003875A:A07	M00004103B:E09	M00003813D:C02
	M00003875A:B01	M00004105C:B05	M00003813D:G06
	M00003875B:F12	M00004105C:C08	M00003814B:C01
	M00003875C:A01	M00004107A:A12	M00003817C:A10
	M00003875C:A09	M00004107B:D07	M00003817C:G06
	M00003875C:G02	M00004108B:B02	M00003817D:D12

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003876B:C05	M00004108D:E07	M00003821A:H09
	M00003876C:D02	M00004108D:G04	M00003822B:G12
	M00003876C:F02	M00004110A:A10	M00003822C:A07
	M00003877B:H10	M00004110B:A07	M00003823C:B01
	M00003868D:B09	M00004118B:A03	M00003823C:C04
	M00003871D:A10	M00004118B:F01	M00003824A:G11
	M00001669D:D06	M00004118D:B05	M00003824B:C09
	M00001661A:B11	M00004119A:C09	M00003824C:A10
	M00001661B:F06	M00004136D:B02	M00003824D:D08
	M00001662A:C07	M00004137A:D06	M00003825B:F10
	M00001662A:G01	M00004139C:A12	M00003825D:F01
	M00001662B:F06	M00004149C:B02	M00003826C:F05
	M00001663C:F12	M00004159C:G12	M00003829A:B08
	M00001664A:F08	M00004169D:B11	M00003829C:E08
	M00001664D:F04	M00004187D:H06	M00003829D:D12
	M00001661A:E06	M00004228C:H03	M00003829D:F03
	M00001669A:B02	M00004244C:G07	M00003830D:B11
	M00001669B:B12	M00004358D:C02	M00003830D:H11
	M00001669C:C08	M00004690A:G08	M00003833D:H08
	M00001675A:G10	M00004891B:D01	M00003833D:H10
	M00001669D:C03	M00004891C:D04	M00003840A:C10
	M00001660B:E03	M00004895B:E12	M00003840B:F05
	M00001669D:F05	M00004895B:G04	M00003840C:C02
	M00001670B:G12	M00004895D:G07	M00003845C:D04
	M00001671A:A10	M00004898C:F03	M00003845D:A04
	M00001671B:G05	M00004899D:G06	M00003846B:C05
	M00001671C:C11	M00004959D:H12	M00003846C:F08
	M00001672D:E08	M00004960A:B08	M00003848B:E07
	M00001673A:G08	M00004960C:E10	M00003848D:G02
	M00001673B:B07	M00005100A:B02	M00003850C:G09
	M00001673B:F07	M00005100A:C01	M00003851A:A06
	M00001673D:D06	M00005101C:E12	M00003851B:D03
	M00001673D:F10	M00005102C:D03	M00003851B:E01
	M00001674A:G07	M00005134B:E08	M00003851C:F09
	M00001692D:B01	M00005139A:H03	M00003851D:H11
	M00001669C:D09	M00005140C:B10	M00003852B:G04
	M00001655C:E01	M00005140D:C06	M00003852C:F07
	M00001649D:A08	M00005178D:H04	M00003853B:C10
	M00001650A:C11	M00005210A:E06	M00003854C:C09
	M00001651A:H11	M00005212B:E01	M00003855A:A01
	M00001652A:A01	M00005212C:C03	M00003855A:F01
	M00001652B:G10	M00005212C:D02	M00003855B:B09
	M00001652D:E05	M00005212C:H02	M00003856A:G04
	M00001652D:E09	M00005212D:D09	M00003856B:A12
	M00001653B:C06	M00005212D:H01	M00003857A:E12
	M00001653B:G10	M00005216A:D09	M00003857A:H10
	M00001653C:D10	M00005216A:H01	M00003857C:E05
	M00001654D:A03	M00005217B:A06	M00003858B:G02
	M00001654D:E12	M00005218A:F09	M00003860D:E06
	M00001654D:F11	M00005228A:B03	M00003905C:F12

cDNA Ref No. ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001660C:B06	M00005228C:C05	M00003911A:D12
	M00001658D:G12	M00005229B:G12	M00003966B:A04
	M00001675C:A04	M00005229B:H04	M00003966C:A12
	M00001660B:D03	M00005229B:H06	M00003966C:F03
	M00001660B:A09	M00005229D:H03	M00003973D:F08
	M00001659D:C09	M00005230B:H09	M00003974D:E01
	M00001659D:B05	M00005232A:H12	M00003974D:H07
	M00001654D:F12	M00005233B:D04	M00003976B:E06
	M00001659A:D12	M00005233D:H07	M00003976B:H07
	M00001655A:B11	M00005235B:F10	M00003978A:E01
	M00001658B:A07	M00005236A:E04	M00003978A:E09
	M00001658A:G09	M00005236A:G10	M00003978C:A12
	M00001657D:A04	M00005236B:A12	M00003980C:E12
	M00001657B:B04	M00001448B:A07	M00003980C:F12
	M00001656B:E01	M00001448B:G07	M00003981A:A07
	M00001660B:E04	M00001448D:E11	M00003981B:B12
	M00001659C:F10	M00001455A:D10	M00003982A:G03
	M00003808C:A05	M00001455A:E11	M00003982B:C10
	M00001694D:C12	M00001476D:F12	M00003982B:H10
	M00003746C:E02	M00001478A:F12	M00003983A:D02
	M00003779D:E08	M00001482C:F09	M00003983A:F06
	M00003792A:B10	M00001485C:D07	M00003983A:G02
	M00003793D:A11	M00001485C:G06	M00003983D:E08
	M00003794D:G03	M00001485D:A05	M00003983D:H02
	M00003797A:C11	M00001487C:A11	M00003985A:C01
	M00003797A:D06	M00001487C:G09	M00003986C:G11
	M00003797A:G03	M00001530A:B02	M00003986D:H12
	M00003800B:F03	M00001530A:H05	M00004027A:A08
	M00003805A:F02	M00001530D:A11	M00004028A:B10
	M00003806B:C09	M00001539B:B10	M00004028A:G03
	M00001674A:G11	M00001567A:C04	M00004029B:A01
	M00003806D:D11	M00001567A:C11	M00004029B:A06
	M00001693D:E08	M00001567C:B08	M00004029B:G10
	M00003808D:D08	M00001567C:E07	M00004029C:F02
	M00003809A:C01	M00001570C:B02	M00004029C:F05
	M00003809A:F01	M00001570D:E05	M00004030B:A12
	M00003809B:B02	M00001570D:E07	M00004030B:D08
	M00003809B:E10	M00001573B:A06	M00004030C:A08
	M00003813A:B02	M00001573B:H12	M00004030C:C02
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ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
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	M00001676B:B09	M00001586C:H07	M00004040B:F07
	M00001676B:E01	M00001589D:A01	M00004069A:E12
	M00001676C:A04	M00001590D:B04	M00004069C:C08
	M00001676C:E07	M00001592B:B02	M00004077A:G12
	M00001676D:A02	M00001592D:H02	M00004085B:G01
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	M00001677A:G11	M00001594C:H03	M00004090D:F12
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	M00001677B:B04	M00001595A:C07	M00004097C:E03
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	M00001678D:B11	M00001595A:E07	M00004097D:B05
	M00001681C:A08	M00001595B:G07	
	M00003819B:G01	M00001595B:G10	
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	M00001693C:C12	M00001595C:A01	
	M00001692B:E01	M00001595C:A05	
	M00001692A:B06	M00001595C:B12	
	M00001678B:H01	M00001595C:E05	
	M00001681D:C12	M00001595C:E09	
	M00001694A:E03	M00001595D:C11	
	M00001680B:D02	M00001596A:A02	
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	M00001679D:F02	M00001596C:G05	
	M00001679D:B02	M00001607A:A01	
	M00001679A:G06		



We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252.
- 5           2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10           4. The library of claim 1, wherein the library comprises a differentially expressed polynucleotide comprising a sequence selected from the group consisting of SEQ ID NOS:65, 174, 203, 252, 253, 387, 419, 420, 491, 552, 560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2245, and 2325.
- 15           5. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human breast cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:15, 36, 44, 45, 89, 146, 154, 159, 165, 174, 172, 183, 203, 261, 364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646, 693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 20   990, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860, 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245, 2300, 2325, 2409, 2462, 2486, 2488, and 2492.
6. The library of claim 1, wherein the library comprises a polynucleotide 25   differentially expressed in a human colon cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460, 491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205, 1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954, 2024, 2066, 2262, and 2325.

7. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human lung cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466, , 491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 990, 922, 1088, 1288, 1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

8. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:648 and1899.

9. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252, or a degenerate variant or fragment thereof.

15

10. The polynucleotide of claim 9, wherein the polynucleotide comprises a sequence of one of SEQ ID NOS:2503, 2504, 2550, 2555, 2578, 2656, 2667, 2712, 2723, 2728, 2738, 2734, 2754, 2758, 2760, 2832, 2835, 2842, 2843, 2849, 2893, 2933, 2956, 2971, 2981, 3009, 3018, 3019, 3046, 3084, 3190, 3129, 3173, 3226, 3227, 3274, 3290, 3356, 3365, 3377, 3381, 3390, 3391, 3404, 3407, 3408, 3409, 3418, 3419, 3451, 3597, 3600, 3618, 3632, 3635, 3646, 3648, 3657, 3665, 3669, 3670, 3671, 3656, 3680, 3686, 3695, 3696, 3700, 3710, 3736, 3762, 3763, 3774, 3775, 3791, 3804, 3806, 3836, 3895, 3905, 3919, 3920, 3927, 3936, 3951, 3974, 3998, 4036, 4038, 4044, 4056, 4072, 4117, 4119, 4152, 4153, 4154, 4172, 4175, 4159, 4175, 4205, 4216, 4223, 4228, 4238, 4241, 4243, 4251, 4253, 4261, 4263, 4278, 4288, 4322, 4330, 4343, 4359, 4363, 4364, 4365, 4373, 4375, 4384, 4385, 4406, 4409, 4431, 4434, 4441, 4442, 4444, 4455, 4469, 4473, 4477, 4482, 4489, 4495, 4496, 4498, 4525, 4535, 4536, 4540, 4560, 4616, 4562, 4586, 4605, 4629, 4653, 4654, 4658, 4659, 4660, 4661, 4664, 4665, 4668, 4684, 4682, 4688, 4689, 4710, 4718, 4733, 4724, 4733, 4746, 4755, 4760, 4710, 4777, 4785, 4792, 4794, 4801, 4807, 4821, 4822, 4847, 4850, 4854, 4856, 4866, 4885, 4900, 4901, 4905, 4914, 4925, 4929, 4931, 4943, 4944, 4959, 5111, 5020, 5041, 5046, 5059, 5083, 5090, 5094, 5102, 5125, 5174, 5197, 5208, 5217, 5237, 5239, 5241, 5243, 5248, and 5252.

11. A recombinant host cell containing the polynucleotide of claim 9.
12. An isolated polypeptide encoded by the polynucleotide of claim 9.
- 5 13. An antibody that specifically binds a polypeptide of claim 12.
14. A vector comprising the polynucleotide of claim 9.
15. A polynucleotide comprising the nucleotide sequence of an insert contained in  
10 a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.
16. A method of detecting differentially expressed genes correlated with a  
cancerous state of a mammalian cell, the method comprising the step of:  
detecting at least one differentially expressed gene product in a test sample derived  
15 from a cell suspected of being cancerous, where the gene product is encoded by a gene  
corresponding to a sequence of at least one of SEQ ID NOS:10, 15, 33, 36, 44, 45, 54, 65,  
89, 146, 154, 159, 165, 171, 172, 174, 183, 203, 228, 250, 252, 253, 254, 261, 280, 282,  
285, 355, 364, 366, 370, 387, 419, 420, 443, 460, 466, 491, 496, 503, 510, 512, 525, 526,  
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1355, 1387, 1417, 1435, 1444, 1454, 1535, 1570, 1597, 1734, 1742, 1751, 1764, 1777,  
1780, 1795, 1860, 1869, 1882, 1890, 1899, 1915, 1933, 1934, 1954, 1979, 1980, 2007,  
2023, 2024, 2034, 2040, 2059, 2126, 2223, 2245, 2262, 2300, 2325, 2409, 2486, 2462,  
25 2488, 2492, 1241, 1264, 1401, 1422, 1442, 1514, 1851, 1915, 2007, 2024, 2038, 2066, and  
2245;  
wherein detection of the differentially expressed gene product is correlated with a  
cancerous state of the cell from which the test sample was derived.
- 30 17. The method of claim 16, wherein said detecting step is by hybridization of the  
test sample to a reference array, wherein the reference array comprises an identifying  
sequence of at least one of SEQ ID NOS: 65, 174, 203, 252, 253, 387, 419, 420, 491, 552,

560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2325, and 2245.

18. The method of claim 16, wherein the cell is a breast tissue derived cell, and the  
5 differentially expressed gene product is encoded by a gene corresponding to a sequence of  
at least one of SEQ ID NOS:36, 44, 45, 89, 146, 154, 159, 165, 172, 174, 183, 203, 261,  
364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646,  
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1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860,  
10 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245,  
2300, 2325, 2409, 2462, 2486, 2488, and 2492.

19. The method of claim 16, wherein the cell is a colon tissue derived cell, and the  
differentially expressed gene product is encoded by a gene corresponding to a sequence of  
15 at least one of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460,  
491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205,  
1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954,  
2024, 2066, 2262, and 2325.

20. The method of claim 16, wherein the cell is a lung tissue derived cell, and the  
differentially expressed gene product is encoded by a gene corresponding to a sequence of  
at least one of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466,  
491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 922, 990, 1088, 1288,  
1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

25

21. The method of claim 16, wherein the differentially expressed gene product is  
encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:648 and  
1899.

## SEQUENCE LISTING

<110> Williams, Lewis T.  
Escobedo, Jaime  
Innis, Michael A.  
Garcia, Pablo Dominiguez  
Sudduth-Klinger, Julie  
Reinhard, Christoph  
Giese, Klaus  
Randazzo, Filippo  
Kennedy, Giulia C.  
Pot, David  
Kassan, Altaf  
Lamson, George  
Drmanac, Radoje  
Crkvenjakov, Radomir  
Dickson, Mark  
Drmanac, Snezana  
Labat, Ivan  
Leshkowitz, Dena  
Kita, David  
Garcia, Veronica  
Jones, William Lee  
Stache-Crain, Birjit

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aanaccccatn	tnntnatngc	cntnncatnn	annntanatt	ttcncanntt	ctnanaatcn	180
naccttcnnn	cnnnnttcen	ctntntntnt	cacncctttn	cnmnttnnca	ntatnnactn	240
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gaacaattcc	ttgtcgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	180
tgctagccac	tctcctcctg	taaacagggc	cttaacgcca	gctgctactc	taagtgtgt	240
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gctgagatca	ttacactgca	ctccagcctg	ggcaacagag	tgagactatg	tctcaaaaaa	180
aaaaaaaaaa	aaaaaaaaann	nnnnnnnttn	aaanntntng	ggggnctnnt	nncnnaaanc	240
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ccgaggcggg tggatcacga ggtcaggaga tcgagtcca tctgggctaa cacagtgaag      180
cgtgttttta ctaaaagtac aaaaaactag ctgggcgtgg tggcaggagc ctgtagtccc      240
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ctggcactaa	gtgttttcat	tgtaggatca	gcagcagggt	aaagactgaa	cggttagtga	240
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agaagttcta gcacatctta atttccttaa tagtttaatt gatgaagagc attgatgaag      60
agttaggagg tctccctttg tacctacatt ttccgctttt ttagaatgag aagatgagaa      120
cgacctccag ttcacatgta cgggtgctgt gaggatccag taggggagat acagtgtctca      180
gcaccaagca ggtgcaagtg agcacaatcc aattttacat caggttaccc ctccaggaca      240
gttgctttga cgtggaaggt agagaggagg ttgaaaggag ggtttgcagtg gttggcagag      300

```

```

<210> 17
<211> 281
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

```

```

<400> 17
agggatacgt gttgttntaa naagtganmn nnnngcntnc anggtgncng tcantcctat      60
aagatatggc anctgntnag ccctttaagg ncccttnagc cncnggctac ccgtttacct      120
cagatnangt ttantaangn gtaagtttta atcnggaagg ggggangngg tgttngnagc      180
tccagtaatn ttnttantna anaatacccn tcctctttna ggctcccnag tntcccagcc      240
ccatnnanaa ngntnngnaa gnnncagacc atgtacagcc n                          281

```

```

<210> 18
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 18
ggtaaattggc agcccatcc ttgaactgag aaaacagggt taaagagtcc ggtgactaac      60
ccccagaaag cagagagttg aagatgaaat cagaacctga gtctgggttt cctgacatcc      120
ggcagggttca accctcagac cacagcttat tagctatgag cgcagatggg tctagcgttt      180
atcctccctg ctctgtgtga aatcaggggt gatggggcga caggtgggaa aactcacctg      240
ggagaacagg gctctacttc cttaggcaag tccttgagata agcaagcctg gtctgtgctc      300

```

```

<210> 19
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 19
atacaaatac tacgttggac gcaaggctat gtttgacagc gattttaagc aagatgctgg      60
ttatgttgac ataggaaatg gagattagga caacatttag ttcagcgact gacttcatga      120
cctacacatc ccgcatggag atgacttaga agcaggggat atgcccttgg acctggtgtc      180
aaagctctcg tttaaacagc ctctgtcagt gtgtcgctac cacagagctc ctgtttaaac      240
agcctcgcac ggcgtgtcgc tgccacacct gacactattg tattagttta cgttgctgag      300

```

```

<210> 20
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 20
tggagggtgct gacgccagggt aggtcagcag tagaccagc cccaacccac aagtttcgct      60
ctccagactg cgcaagcgca aaggatacga aaacgcccc ggctgtctgg gggctgggac      120
cgaggaaagc gctgagtata gctcttgccg gtccagtcac aaatgacgtc ccttctgtac      180

```

```

ccccccctgt aggcggggagc atccaatcaa cttegagagc gtagggccca cctatcgtgg      240
gtcgagttgc ttggcggtcg tggttccgga ggttcctcgg gatgtcgggtg gccttcgtac      300

```

```

<210> 21
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 21
gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
ctgtttctact ttgggtccgc gcgaagccca ctcacgtgtg atctgtgttg cccctgggag      120
gcccgggggcg accggaaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
gaatttcgac ccctgagctt ttccggacgt atgggtccaaa ttcagattaa ggtggtcacc      240
caacccgaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300

```

```

<210> 22
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 22
ctgcacctca agaacgctag accactcgcc accagccttc tcattccctc ttcctccatt      60
ctaattcattt ctagctggct ggctcctca gagcatagga aacctgaggt caggaattcg      120
agaccagcct ggccaacatg gtaaaacccc atctctacta aaaatataaa aattagccag      180
gcatgggtggc gcacacctgt aatcccagct aatcaagagg ctgaggcagg agaattgctt      240
aaatctggga ggcgggaagt gcagtgcgc aagatcgcg cactgaactc cagcctaggc      300

```

```

<210> 23
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 23
aagttcaagc aatgattaat ctagcttccc tcctgggtgga tgactgaggc ctttgcttga      60
ggacaacttt aaagagatat tgaatgaagc tatgatacct gtagcagtta ctgccatttt      120
ggacccataa actgacaatc cttaaacatt accaggaggg cagagcggaa agaacattga      180
tgtcatcact gagttgctgg attaccttac tctagaaata gccaactctg catgtttggt      240
tattttttta aaaagtcttc tttattattt acatcatttt gaatgggctc taactctagc      300

```

```

<210> 24
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 24
agtcaatcca aatgatttca gagacctgac tttgctgttt gaccactctc agcttttttg      60
tatcagactc ccttcactgg ctcccaaaaa ctccagggcc atgtttctgg aacagtggaa      120
agcagggaaa tagaaatggg gcctcaggaa ttagaaataa ggctttggca ttcaaatgtc      180
gcacctagca tgctgtgact agcgataagt gtgcaaggag tgttgaagca gtaggaagac      240
ttgtgggtgag gcggggcagg ggaatnnnnn nnnnnnnnnn ncagagacca nnggccttc      300

```

<210> 25  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 25  
 tgttcctgtg ccagaaagaa agttaaataa cttgcttaag aaagggaggg ggggtgggagg 60  
 ggtgtaggga gagggaaggg agggnnnnnn nnnnnnggcn tacnttttcc tacatttcan 120  
 tntccctttt ncctatctaa gcngtncctat ctngtcaatn caettntenn tnnnttaacn 180  
 centtcennn ncanctttcc cttntectn cctntatact nttgctntga nntgctgncc 240  
 aanatngttt ccttctctcc atcctnncat accccttact t 281

<210> 26  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 26  
 cgaggcagtt agctagtgtt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60  
 acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtttac 120  
 ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180  
 tctcagaatt gtaccatcac cttaattaaa gtagatatgc taggattatc ctgataacta 240  
 attaacatag cttttccctt tagtgttctt cacctgaatg tagtagtgga ctcttcaagt 300

<210> 27  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 27  
 gtgctgcaga caacacacct tcttgatgga ggtgtccggc tgatggagaa gtctgtgggc 60  
 ttgtaaatca tctttgatgt taaccaggcc gacgctgtgg ccacattccg aaagattaac 120  
 cctgtcaaac cctannnnnn nnnnnnnnnn nnnngatttg atnagcctgt nccanacctc 180  
 tgcagcctcn ancggtngtn ntacataggt ggggatgacc ctctgatact ttgnectggt 240  
 ngancatgnt gacanntgct tctacagctt nngggac 277

<210> 28  
 <211> 293  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

&lt;400&gt; 28

tggeatcanc	nagccgtgca	gtccgctntt	cactgttnna	nggcctccna	gtgnntcana	60
gcattggacc	catctntanc	aaaagtngag	gccaaaaagn	tnagtgactt	gacaagtgnc	120
agagtaaccg	tgtagacaga	gcagtgtana	cagaaatcaa	ncntcagtcc	cangngtana	180
cctgatcntg	gngatcactg	ccctgagtgg	cttgccagca	cagccagngc	catcagtaat	240
ttgnangan	tancacnnnc	nnnnttaa	gt	taaaaaacc	ccattnnnna	293

&lt;210&gt; 29

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 29

ggctaacttg	ccttggttta	ctattgatgt	ttgtgtcctg	tgtccttaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtttt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aattttta	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggtcttgaa	ctcctgggct	caagtgatcc	240
tcctgccttg	gcctcccaaa	gtgctgggtat	tacagggtgtg	agtcactgca	cctggccaag	300

&lt;210&gt; 30

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (281)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 30

ttaaaggatt	taaggannna	nanntncttn	tggtttgccc	nttccnacnn	tnctggggga	60
aangannenc	nannaggtna	ttctnnttcc	ctnangccna	nanggnaacn	tggnntgncc	120
ttaaactntt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgcatgtatg	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	cccctttatt	gctgtctgag	aaaggaaaga	t		281

&lt;210&gt; 31

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 31

gtcaagggct	gcatgaagtg	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctgcctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggcct	300

&lt;210&gt; 32

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 32

gagcagaaac	gcaagatatt	tcccttttgc	ggctaaacag	aagcctgggc	acccagaatg	60
tgatatcctg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120

```

cagtattgta atggacatag ttgatgacct tcttaacctt ccagatttcg agcctacaga      180
aacagttttg aacttgctgg taactggatg tgtataacct ggcatagcag aaaacatcgg      240
tgagtctatc acaataggag gaagattaat tctacctcat gtacctgcaa ttcttcagta      300

```

```

<210> 33
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 33
gtccagggcc cangtttttaa tttnttttta aaaagcttta ggtcttgccg ggacgggtggt      60
tcacncnnnn nnnnnnnnnn nnnnnnnnagg cctaggcggg tggatcacia ggtcagcagt      120
tcaagaccag cctgaccagc atggtgagac cctgtctcta ctggaaatac aaaaaaattg      180
gctgggagag gtggcaggca cctgtgggtc cagctacctg ggaggctgag gcgggagagt      240
ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc                        286

```

```

<210> 34
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 34
gtaggttgaa agcctggtaa gctattctgc aagacagtca aaaattgttt acagggctgg      60
acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg      120
ttaggtcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa      180
aagatagggt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct      240
gaannnnnnn nnnnnnnnnt ttgntcctgc gctgtacnna naccttanan tgggtaatct      300

```

```

<210> 35
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 35
attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc      60
caagtgtggc aaaggaactc attgctctcg aaatgcata atgttggttt atagactgca      120
aactcaagaa aagccaaca ctactgttca agttccagcc tttcttcaag agctgggtata      180
tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn      240
nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa gggtacctgc      300

```

```

<210> 36

```

<211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(294)  
 <223> n = A,T,C or G

<400> 36  
 gcttggtcac ccccaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60  
 agtctttcct gtatagacag gtacggagga tgacggctgt gctggtggcc gtggggctgg 120  
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaagc 180  
 acnacacaca tgtngcccca nccacaggct tantctcan ntcacgcgct gtacnggaac 240  
 ctctnctctg cctnctgcac cctgcaggnt nnaaactacn gcacctctg ataa 294

<210> 37  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 37  
 gtgaatgctg tgccctgtggc cccacctgtg tgtgatgtcg ccagaaccca gccgactcct 60  
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120  
 tatctctatc caatcaaata ctgtgctgca tttgaggtga ccagggtggc tgtatgaaac 180  
 caagggctgc tatatgaccg gagctggatg gttgtgaatc acaatggtgt ttgctgagt 240  
 cagaagcagg aaccccggt ctgcctgatc cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 38  
 tcttggtcaa cattatatcc ttagggatta gtacataggc ttgcaaatag caggtatgaa 60  
 taataaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120  
 ggcatactctg tgtttatgtg gtattcaatg gccacaaat gtctacatcc taattcctaa 180  
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240  
 attttgacat gcagataata tctgtattc ttcatgtgga accaatgtat ttacaagggt 300

<210> 39  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 39  
 cttctgcccc cggcaattgc catgttccag tggggggcag atcctcagga cttcacgggt 60  
 atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac 120  
 actttcccca ggctccagtg gcttggatgt caatgtttac aaaggggcaa ggacctctca 180  
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggt 240  
 caggatatga gtcttgggca ttatttatcc aggacccatc ctcttgggtg gggtttgggt 300

<210> 40  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(285)  
 <223> n = A,T,C or G

<400> 40  
 aatttcnctt tcnnagnttn cgnnecgnct taangntttt tngggcnaaa gnceccntnn 60  
 ggngnctant ttgtgatnch gngngaaaaan atttttctca ttctgaggct cacatggcac 120  
 cttctggggc agcagctgtg gccgggtgat caagggcgcc cttaaagctg gaacattcca 180  
 gcaagcttct tgcgcttctc tgcacccggc agggccactt tcttggcacc ctgcacttta 240  
 tataaaagtt gcactgcggt tcaaaaaccc accctgaag aataa 285

<210> 41  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 41  
 gtttcatttta agaagaatga gctagataaa tgtgctcttc tgggttaccac accctgacag 60  
 agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120  
 ggtgtttaag gaagggcaga taatgtgact ctttgccggg tgcctctgc ttaccattta 180  
 gcgagcagag ggggtttctg cgggtgacct ccagcatatt tctaggttac ttatgggcag 240  
 atttgtaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggact 300

<210> 42  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 42  
 cgtctgtaat ccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggaggt 60  
 ggcggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 120  
 ttcgtctcaa aaaaaaaaaan nnnnnnnnnn nnatcctttg gncgggttct cccaaattnt 180  
 tttgaggggn ccatggncaa cngcttnagc tttgttttgg caacccctg cccnaagnch 240  
 catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 43  
 ccatagcctg ttgagtgttc ccagatgtga ctcaccttct tgcctccctc ttcattgcagg 60  
 cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120  
 gcctgacgcc acagtcatcg gcagaggctc gggcattatt aatctataaa aatccatgct 180  
 ttacacctgg acagtacaca gggacttcag agattgcacg ttggaatata ttctccaag 240  
 actgaggttg ttcgggtttta attcctgtag tccaatcaca caatttctta tggaaaacct 300

<210> 44  
 <211> 300  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 44

caaaagataa	tgtgaaactg	ttgggtggact	ctctgggtgag	gggtggggcag	aacttgcctgc	60
tactagagtt	cttgggttct	ccatgatggt	caccctgggg	ctggcccact	gtgtcctgaa	120
tgtttttggt	atTTTTTgtt	ttatTTTTta	aacaaactgc	tgTTTTtata	tacctggaat	180
ctgttggttg	cttcagagcc	agtgggttaa	gagcagggtc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccctgc	aactcaattg	ggcctTTTTc	ggtgacctca	tccaaggcca	300

&lt;210&gt; 45

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 45

cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttcttttaa	60
aaacactttt	tattaaagat	totatcatga	ggtattttggc	tgggagctgg	gaggctaaag	120
cgctcatgtc	ctggctcttc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtcctcc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

&lt;210&gt; 46

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 46

ggcgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcaagtct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
ccccacttta	gaaacggacg	tggggaacgc	ttgggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcgaag	atttgctttt	ccttgaacat	300

&lt;210&gt; 47

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcatcttggc	agtgtgcca	aggtgaaaat	120
gatgttttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtctttacaa	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcatg	gatttatgga	gtatgtgggt	atagaaatca	300

&lt;210&gt; 48

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 48

gatgtcacta	gacaactggc	agtttaaatgc	tcacaccctt	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggtct	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgtctctctga	ctctcaccct	tgaaatagag	ctgggtgggat	300

<210> 49  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 49  
 ctgtttcnnt cctaattgat agtttagctga tttctgttgt ttttctctga naaccaatgt 60  
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120  
 ttaatatcag tttaacttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180  
 ctgtgggctg atttttgcat tttaactgtg ataacaaggg agggtaactg ccccttttcc 240  
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttctttgga gaaatat 297

<210> 50  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 50  
 ttccttggcc actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60  
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg accttttggg aagtaggtgg 120  
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggtaggc 180  
 catagtgtc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240  
 gtgtggtgga gtagtgtgg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51  
 <211> 288  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(288)  
 <223> n = A,T,C or G

<400> 51  
 agttctntta acaggatnnn atcgattcna attnggcntn angnntggcc nccctggggg 60  
 ncnacaccaga agntcggana aaggcccaag gngnangcca cggccagcag tggtnattgc 120  
 ccccaactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180  
 gagggaccca cagatttttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240  
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 52  
 agaaaggata atggagtttc tgtacaagat ttaccagaaa gagagtgggtg tgtagacatg 60  
 cctggagcag acaccttgga gccgctgaca gaagggtgaag cagtccaaga aaatgtggaa 120  
 acttttccgc tgcctacac agtccacaaa cctgtccatt ttatttcgtt gaagctttgt 180  
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtggg 240

tgctgctgaa ttgtgattaa ttggggggagc catataggta catttgccat gatctggggcc 300

<210> 53  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 53  
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggc agacagcaac 60  
 tggacaaggg tgaattttac gagaagtacg tgggtcccgcg gacaaggctg gcatccaagt 120  
 tcatcacact ctaccgggag ataccgggagc atggcttcta cgtcactgac tgtccccagc 180  
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240  
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(268)  
 <223> n = A,T,C or G

<400> 54  
 agtccctgag aggtgggtggg aatgggtgct tcattctctg aggatgcccg ggccccacct 60  
 gggcttgtct ttctgttttag aggggaagtgt aacntatctg ccatgaggaa cataaattca 120  
 tgtaangcca ttttctctta tncannncnt ntctttctan gtacantcnt tntctaggat 180  
 ttgngaagct ncttgcnctt gnaacaggnc tcangtnngn gnancnnttt ngnnttnc 240  
 ncnntentg ntgntttttt cntntnt 268

<210> 55  
 <211> 278  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(278)  
 <223> n = A,T,C or G

<400> 55  
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaag 60  
 ttgcaggtgg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120  
 gattgtgaac tgcttgaaag aaaaacgaaa cttctaagat gtttgtcctt tcatgtcctt 180  
 tctgttggga tttcttattt ggngcncttn nctgnntanc nttnnnctnn ttnattnggg 240  
 nntcctntna nctnttgttn ncatcgnnta agttagtt 278

<210> 56  
 <211> 254  
 <212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 56

ggaaattggc	ctataccagg	agagcggatc	ccagacgtgg	ctgcattgtc	catgggcttc	60
tctgtgaaag	aagacctttc	ttggccagga	ctcgcagtgg	gtaacctgtt	tcategtcct	120
cgggctaccg	tcattggtgat	ggtgaaggga	gnnnnnnnnn	nnntntacn	cncaggcntt	180
nnntntnat	nncennngtc	nccttncnan	tnnatnttna	ntncnnnntt	ngnagntatc	240
tngtcgtntt	cctt					254

<210> 57

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 57

gagacatcat	gtcaacagaa	atggagatgt	gcactgggga	aactgccggc	cgggccgctg	60
gcccgtggac	gcctgggagg	tggccaaggc	cttcattgcc	cgaggactag	cagacaaaca	120
aggacctgag	gaatgtgatg	cagttgctct	tttaagtctc	atcaacttct	nnnnnnnctn	180
tgnngcnmat	gtntacantg	ccaccaacgt	gnttntgtgn	actcgcnan	tcattggacta	240
tctctatgat	natgannntt	ctaggancnt	ngnggataat	actacnttnn	antccttctg	300

<210> 58

<211> 300

<212> DNA

<213> Homo sapiens

<400> 58

acaaggtgct	ggcagtgaag	tgggggcaga	ctgagcctgt	gtagtgaagt	gtcttgagga	60
acgtcagctg	tatcttttag	gaaacaaaaa	ctgcatagac	attgaacca	ggcagaaggt	120
catgaagtca	gagctaagaa	atgctagtgg	ggataggggg	tgagatagag	ttgggaaatg	180
tttcagagct	acaggtgaca	gttggttggtg	tccagttgga	tatgtaccat	gaagggaaga	240
agcagtcaga	gtgggcacca	agctttctag	cctggaggac	tgaatggttc	tgtgcacatt	300

<210> 59

<211> 300

<212> DNA

<213> Homo sapiens

<400> 59

ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
acccataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gtagcacaa	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 60

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 60  
 aacgtgctgt acaccagcct gcccggtgctc ctcattggggc tgctcgacca ggtaggagcc 60  
 tcgcacaagc agggacactt ctggacagat gagaatgctg tagagaagtc ccaagcaaac 120  
 gtttcaatgc attcttctgg tgtttacttc tttctgatca aacctatta taattctggt 180  
 gtcaggcatc aagggtcatg gctgtgcttc ttgttttgta ataaggaaag aggatttctc 240  
 tgtagtccca gctactcggg aggctgatgc aggagtatga cttgagccca ggtgttcaag 300

<210> 61  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 61  
 ctgttcctaa ccccttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60  
 gcagaactgt ctcttctgaa aaccagactc cggggccctt gggtcagcac ctctaggtca 120  
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180  
 cactgggatc ccaagccagg cccggagggtc tgctgttttc gtccccagaa acttgagctg 240  
 gcatactccg ttgggttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 62  
 cctgtctcca ggtctccctg tcccccttgc ctgccttctt cctgtctctg tccccaaagc 60  
 tccctccagg cagggaaaag aggccagggtg ctaaaaatga gcctttctca agcacgtgag 120  
 cagcggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtggtgggg 180  
 gagggttccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240  
 gccttccact ccttgtacct cagtctaaac atggagtggtc cgctgacaa ggcgtccagc 300

<210> 63  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 63  
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60  
 cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120  
 tgcattgagc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180  
 aaccacgtgg agctgggacg taaggatgac gcaaaaagttc acaagatgtt ccttgaccat 240  
 actggctctc acctgctgat tgctgagca gnacggangt ctttacgtga acccacttga 300

<210> 64  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 64

gagtttttttg	tgatattgag	gcattcatac	agagctgcag	ttagacgggg	ttacggggggc	60
taaaagcaga	aaaaaaattc	catttcacgc	ggatgggaact	gaaggatttt	attctataaa	120
gcggccctgg	ttgaatctgg	caattctttt	tgccaagatc	cctagcagaa	gatttagcca	180
tgctctcccc	ctcacttggt	tgagtggccc	cttctgaatc	tctccagcag	ccagaggcac	240
cgtgagaagc	agaaagagct	ggtaaataaa	gccttgggca	agcgacttct	tagatcagaa	300

&lt;210&gt; 65

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 65

cacctgacct	tgccctgcac	ccccggcagc	tccccacac	ttttgcgctg	gttccacgac	60
tgccctgggt	tttgccactt	gccgctgagc	ccaggtgaag	atcccagact	gggccttgaa	120
atgacagcag	ggtttgggct	tggggggaatg	agaggttaca	gennnnnnnn	nggccatgan	180
gggcananat	tgnatccac	atatttgann	ngngcngaga	ncccttttng	gggggngtaa	240
angtacaacn	angaagcnct	nttaggacta	aggtttaana	aagntgcttt	ttaccatt	299

&lt;210&gt; 66

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 66

atttgtacca	actgtacat	ctgcttgcca	ctgctccaaa	cttttaccca	cttgcttttg	60
gtaaagaggt	caactgcgta	tttaaaatat	ccttttgtaa	tgtattggga	aggtgcgaga	120
acatatgaaa	atggttgta	atggagatgg	aaggggcttt	attctcactt	aagagagccc	180
tgaggaggaat	aaggttttat	ctggatcagg	tatccaattg	cattggataa	acgtggcctg	240
aggcaggata	aaattttaaa	acacaataat	aagcctcctg	gtgacatctc	tgttctcttt	300

&lt;210&gt; 67

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 67

tgtatcgggt	cctgttccag	cgggcacgc	cgggtggctt	ccaggcctca	gagctgtgtg	60
gcagggccccc	ctgctggggc	tgacatcac	tgagtcacag	tgcaaagccg	nnnnnnnnac	120
ccaggtgtnc	ccccaaacta	aacnaaactg	gnggcttgga	agcccnncn	natgggaang	180
tncaaaaaaa	ggtcttgnt	ttctcttcta	atgcctttct	taactcctga	antcgtttgc	240
tcctaaatct	tggttaattct	ttttctctgg	attttggttt	cttttggtct	tcccttg	297

&lt;210&gt; 68

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaaagttc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagttc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 70

gtttgtttcc	ccgagatgtg	aacttgctga	aggaaaacag	tgtaaagagg	aaggccatac	60
agagaactgt	cagctcttca	ggatgtgaag	gcaagaggaa	tgaagacaag	gaagcagtga	120
gcatgttggt	taactgccct	gcctactaca	gtgtgtctgc	tccaaggct	gagctactga	180
acaaaatcaa	agagatgcca	nnnnnnnnnn	nntgaggaag	aggaacaggc	anatgtcaat	240
gaaaagaagg	ctgatctcat	tggaagtctc	accacaagc	tgagagacct	ccaggaggcg	300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

<400> 71

tcaggccgct	gggtgacggt	gtgctggcca	gatagtctct	ggggctgcag	gtggcttctt	60
tcgccccatc	cctcccatcc	cctttcattc	tctctgtcaa	cacatctcag	accctggaca	120
ccgaatgagc	cgtcgggtacc	cacaccccag	ggcaattcag	tggaggggta	ggtggctcgt	180
tccccacagt	tgccccagga	agaggacctt	gtccccggca	tcctgaccca	cctcccttag	240
agaccgagag	cctctaagga	taaaccattt	caccctgtgt	tcagaggctt	ttttttcttc	300

<210> 72

<211> 300

<212> DNA

<213> Homo sapiens

<400> 72

```

gttcaggggtt ggtgggtctg tggaccttga gctagttttt aatcaacatg gaaactccag      60
tgatctatatt aaaaacttgc attgggtcat gccaggttta ttggagggtta taccctccaa      120
tgtattttcca actcaggggtt aaagccaagg tccttatggg ggaagatggg gcatataaac      180
tggcattctg gcgctcacac actccaatat ctactactct cccctcttgc tcgctcagct      240
gtggcttgct tattcagctt tttgctcttc ctggaataca tcaaacatat gtaggcccag      300

```

&lt;210&gt; 73

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 73

```

ctttgaagag aggaggggga ctttagagag ggatgaaaat gagccctggg agggaggaag      60
ggacgaggag ggggtggctgc atgttacgt cccctacctc tccccacgtg gaggggtggag      120
cagttatgag ggaggaagtc aactgctgtt cagcctcaga ataaagggtgc cgttcactgg      180
ctcagttacc tcctgtgtac cggcatcttg tgttgggaat gtccccccct cctaggggac      240
caaggaccac cctacaaaa agagtaatgg ttgggtgata ctccctcaag ccaaagagga      300

```

&lt;210&gt; 74

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 74

```

gggattaaca atgctgaagg actcttagta gtagtgactg tcatctgtgc cctcttaact      60
ttcctgagcc tcacacacaa cctgtgggca ggatggagta gatcatgttg ctgactgctg      120
ccgtaggcaa gttaatggag ccagaaagtc ccactgttga cagggtgcca cagctgacca      180
gggactgtca ttctctccac ccacaggctg tggaggggtga ccacagcatg tgcccacctc      240
caccaatccg caacgagcag ccggnactgg tgctgnggca gaggntgccg tcattgcccc      300

```

&lt;210&gt; 75

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 75

```

tgggggctct gaagtttcac caggtggacg ctggggagcg ggctcccgag cacttgtcta      60
cctcccgccg gtcttgacaa cttttctggc caacctacct agcttcgctt ggctggcgag      120
cgcatctgct gctgggggtc gcggtgcaga tggagacgca gtgggtggcca gaggggtgatg      180
gagaagacgg gaaaagcgac agccacgctc ctggctgaag ccgcaggacg caaataaactt      240
actttgtacc tgacagtttc tcacgttgtt gtggaggccc tgtttccttg aaataaactc      300

```

&lt;210&gt; 76

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 76

```

gcagggcgagg gctaaagttg gaaatggaaa tgaaggagca ggtagccatg cagccttgtg      60
ctttccagca acaggggtgga cacttgggtc caagaggacg cagctgaaag accctctggc      120
agggagaacg tgtgaggact ctgtggtgga ttctgagttg tgccctctctg gcttaatctc      180

```



```

atctgattct agcagtaact ccaagaggta agcacatttg tgagtectgt ttccaatgg      240
aaaagctaca tgaggccac caggteccag aactcaacaa tgggtggggt ggggttcaaa      300

```

```

<210> 77
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

```

```

<400> 77
aaaggaccta agtgtgaaat accccgaaga cgtecccatc acccttccaa acctgttgag      60
gttcattttg catcactcag accctgcttc cagccccccag aatgtgggcta actctcctac      120
caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagag      180
agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcagggtga      240
gtcccagntc tccagtgcc gentanntgn ntacnttgnt ngtnngnt gatttt      296

```

```

<210> 78
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 78
tgaaaaaaat cacagctcct gcagcaagtc tatgcctggg taacaaccaa cccacaaaat      60
ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc      120
cagcctggtc ctcagagtgt ggaattaaca cctttcctct agcaactgtt tgtgctgctg      180
agaacagcac agactctctg gcagcctggt tctctccaga gggaagcctg tgaagcagaa      240
gaaacatatt gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac      300

```

```

<210> 79
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 79
caaaaagctg ctgctgggca gcccagctc gctgagcccc ttctctaagc gcatcaagct      60
cgagaaggag ttcgacctgc ccccgccgc gatgcccaac acggagaacg tgtactcgca      120
gtggctcgcc ggctacgcg cctccaggca gctcaaagan cccttcctta gcttcggaga      180
ctccagacaa tcgccttttg cctcctcgtc ggagcagcc ccatattagt ggtccgggcc      240
cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat      300

```

```

<210> 80
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 80
ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga      60

```

tgctgagaag	gacaacccaa	ttgttttaac	ttgcagaccg	agggggagat	gggttccagt	120
ctgcacatga	ctcgtgcaca	gtccccccac	cccaccctga	cttagaaaat	tccaaaccga	180
ctacaagacc	agaaacaaac	cacatgccag	tcgccccctt	gtctgtacac	acatgtggag	240
ttcagagcca	cccttggaga	gaggctgctc	aggtcagct	ccctgtgctg	ggctttctag	300

&lt;210&gt; 81

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 81

acatagcccc	cacccttgag	ggatgagaca	gtcccttgca	ggcaggctgt	gcccagtcac	60
ctcaagccta	cagctgggct	gctggctgca	gggtctggag	ggcgggtggg	aggggtggcag	120
acagagtagc	aagaccccca	cttccctggc	cttcttcaca	gacctgcgtc	atgcgggcct	180
gggaccgcag	caagcccttg	ctcttctgcc	cggccatgaa	caccgccatg	tgggagcacc	240
cgatcacagc	gcagcaggta	gaccagctca	aggcctttgg	ctatgtcgag	atccctgtg	300

&lt;210&gt; 82

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 82

ggaagaggat	gactgggtat	gctgtgccac	ccttgagggc	catgaatcca	ctgtgtggag	60
cttgggcttt	gacccgagt	gccagcgctt	ggcgtcttgt	agtgatgacc	gtactgtgcg	120
tatctggcgt	cagtatctac	caggcaatga	acaaggggtg	gcatgcagcg	gctctgacct	180
cagttggaat	tgtatctgta	ctttgtccgg	cttccactca	aggaccattt	atgacattgc	240
ttggtgtcag	ctgacagggg	ctctggccac	agcttgtggg	gatgacgcga	tccgcgtgtt	300

&lt;210&gt; 83

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 83

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atatttttgg	ctatcaaaaa	cagtggnnnn	120
nnnnnnnnnn	nngtaaaaaa	attttnggng	gggggagaaa	aaatcnggac	ccggtgttan	180
aggatgtaga	ccagtgtgtg	caagctctct	ctcaaagact	gggaacacaa	ccgtatttct	240
tcaataagca	gcctactgaa	cttgacgcac	tggtatttgg	ccatctatac	accattctta	300

&lt;210&gt; 84

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 84

gtcctaccca	aacctgtggc	cgccactttt	gaattctcag	attgccctga	attttgcac	60
ttttaaataa	tgtgtcgaat	aagctcagca	actaaaaacc	attacccaag	aacgtttctt	120
gtgagtgcgc	tgatttatcc	tgattcatta	tattcctttt	ggtagatttt	atacccttgc	180
gggaaataat	acaacaaaaa	catctcttaa	aaatgctggg	atggggccat	atctactagc	240

agaggccaga tggtcagata tgattttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 85  
 tgggtgcccat attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60  
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120  
 tcttgctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180  
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240  
 tgcatttcct ttgggtgctc caactcttgt aacttcacag gcaacaacgt tatttacgtc 300

<210> 86  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens  
 <220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 86  
 gaattccatt accanatgct actngetctt tgttgcttta tcnncangcc atcgattcga 60  
 atnnaggacg agncganngg tategncann gatngntntn ntncgetcnt gacccatang 120  
 cttngnatng ggatnnagng acagtntcnt gnnaaacatc tatnacnntn atganggcta 180  
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240  
 ncgccactga tgggtggnaca tacttcctc ttttactact cgctnacaa tcacaatctg 300

<210> 87  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 87  
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agaggggcttt ccccttgccc 60  
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggcat gctccggaga 120  
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180  
 ttacctgatt aacattcctg acaccatctg tgggtcatcc tttccctgga ccgttcagtg 240  
 gacagctttc aagcagtgtc tgttgtgagg tcccatcttg gccagaact taccttcaga 300

<210> 88  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 88  
 ccaaggagtt ttccaccgt ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60  
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120

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ggcttttagaa gttaaataca tgcattgcaca tgaaaacatg cacaaccaca gcttcaatct      180
tgtatttagt ttggggaaag agaagagaat ttcttgtgga ttattttttc ctcaagtga      240
cctctctggt taacccaaac tctgcaagaa agcactgtga ctaaaacata cataacgct      300

```

```

<210> 89
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 89
agaaatcggg acaaaagtag aagttgtgga aaggaaagaa catttgcata ctgacatttt      60
aaaacgtggc tctgaaatgg acaacaactg ctcaccaacc aggaaagact tcaactgaaga      120
taccatccca cgaacacaga tagaaagaag gaaaacaagc ctgtattttt ccagcaaata      180
taacaaagaa gctcttagcc cccacgacg taaagccttt aagaaatgga cacctctcg      240
gtcacctttt aatctcgttc aagaaacact ttttcatgat ccatggaagc ttctcatcgc      300

```

```

<210> 90
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 90
ttgattgtca taacaattag tggatgtgtc cagttctctg tatctttgac ttgatgcttt      60
atacatcatt tcatttgttg cttctaaggg aataagccat agaggcttct ccaggtttaa      120
aagaacagta aagtacctgg aaaaccaaca tttttgaatg tatggacact ggacatgaga      180
tatgtacaat gaaatcttaa aagaatctaa gaatttgccc tctttgcccc actccacca      240
gtaatttgac attactagt ccattgtatg gaccaactg agtattagaa tcagttttga      300

```

```

<210> 91
<211> 267
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

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```

<400> 91
ataggaaagg gaagccatt tcccaggta aagcctttgc ttactcgttt atgtttattt      60
tatttttgag acagagtcta gctttgttgc ccaggctgga gttgcagggt caatctcggc      120
tcattgcaac ctccgccttt tggattcgtg cagttctcct gcctcagcct ccaagtgggtg      180
gggatcgag gcacacgcca ccatgcctgg ctaatttttg nnnnnttann ggctgnncn      240
gngaancctn nnnntnctn nnnntnc      267

```

```

<210> 92
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 92
aaaaattgtg atgtaagtgg tacagtgggg agaatttagg gctctcagaa tgcagaaaac      60
tagccacctc cagttctgtg cctgaccacc atctgacttt ggataaatcc cttctgctct      120
cccacctagc tttatcattt gtaaaatgag tctctaggta cagcccttcc tgggttgaga      180
cagagtttct gaggagtaaa agccatgtca ttgtggaaac aggcagctat tctcacagct      240
ggcatgagcc cactactccc ctataatcag tgctgataaa ctgctctcat ttgttgagct      300

```

<210> 93  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

<400> 93  
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60  
 atgatttgta gtcacatttc tattgggata tgnnnnnnnn aaggcgaaat gcttaaagtt 120  
 ccttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180  
 ttggcaacat cnnnggggaac nnactagccn acatgcctat ggctaaaaac ttncttttgc 240  
 nnactancgc nctgnttggg gcttcngntt ntannnt 277

<210> 94  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 94  
 attcggcacg ancccaatcc ctgggcgcgc ctggtatcca aaggggcccag ggaccctgtt 60  
 gcgctgccct ggcctcggca ttcgaggctc ccttagggcc gtgcctgtgc gtgtgcgtgt 120  
 gcgtgtgtgt gtgtgtgtac tgcattgccc cccgggtagc aagctggtgg acagatctgc 180  
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct 240  
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctgtt 300

<210> 95  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 95  
 aaaacctgct gtcaaggctt gaagagccgg cacactcaat ggcaaacaca gcaccgagtc 60  
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120  
 caactcaggg ccacctggga tcagtcatca gtcaggggtgc gtaagccttg aataccaggt 180  
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacett 240  
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgccacac cacaccctgg 300

<210> 96  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

&lt;400&gt; 96

gtaacctgac	acccagggag	ggagggaggg	aggggctggn	nnnnnnnnnc	ctgnannng	60
ggnetcacct	gttctnnntt	nttntnttt	tnntntang	ntcacnntng	ttancatnnt	120
ttntancttg	nttttatttn	tnttntttt	ntnanccttn	tttntnttgt	tntntttctt	180
ttttntntt	tatttttggn	ttctnccntn	ntntttntgg	tttttanttn	ntntttnttt	240
tttnttttn	tntttnntt	ngnttctntt	ntntgtcttc	ttt		283

&lt;210&gt; 97

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (277)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 97

gtttcacatt	tgctgccatg	agcaaagagg	aggtcgacag	gtacaatttt	gtgatgctgg	60
cctgtcctc	ctcattcctg	gtgttatect	atctcttgac	ccgttggtgt	ggcagcgtgg	120
gtttcatctt	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

&lt;210&gt; 98

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 98

aagacttttg	aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagttagga	agcacattta	cagggaaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tccccttagg	ctogaatgcc	cgagaagaga	300

&lt;210&gt; 99

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 99

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcttaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgggtg	agaagggtct	gaaatggtag	gcaaagagaa	300

&lt;210&gt; 100

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 100

aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcca	tgattgggca	cacaaatgta	gtggttcccc	gatccaaacc	cttgaatgcta	120

attgctccca aacctcaaga caagaagagc atgggactcc caccaaggat cggttccctt	180
gcttctggaa atgtccggtc ttaccatca cagcagatgg tgaatcgact ctcaatacca	240
aagcctaact taaattctac aggagtcaac atgatgtcca gtgttctgta taaaatgcaa	300

<210> 101  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 101	
atgttgccca ggctggcttc aaactcttga cctcaagcaa tactcctgcc ttggcctccc	60
aaagtgtgga gataatagga atgagccatc atgcctggcc gaacttattt ttaaattctt	120
tgggaatcta aaaggactat gtgctttctt ttttactgga ttatgtgaga agataatagt	180
ttgcagagaa attcagtga gcagctgata aaatgcttta aaaatatatt tcagagaatt	240
gagcaataac agtgatgtca aaatagtagc cccaccttct ccagcccacc taaaccaaca	300

<210> 102  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 102	
gatgcaaggg ctgaagctga aacttcagag agcatcggca ttttaaggaag aaccttggct	60
gggcgtgggtg gctcacgcct gtaatccag cactttggga ggctgaggcg ggcggtatgc	120
ttgagcccag gagtttgaga ccagctggcc aacgtgggtga aaccccgctt ctactaaaaa	180
tacataaatt agctgggagg tagtggtcatg tgcctgtaat cccagctact cgggaggctg	240
agagaggaga atcacttgat tctcctggga ggcagagggt gtggtagctg agatcgtgcc	300

<210> 103  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 103	
attttagtgg ttttacagtc atttttcatt taatatttac agaagtccta tgaaataatg	60
actgtgatta gatactgtta ttattaagga aactgagcct tagagagggt aggtaacttg	120
tctaaggtag agctatgata caaacccggg tctcattggt tgggcatttg tgtcagtcac	180
tgagtataag gtaactggga caaggagctc aagcagctcg tcgttttagta tcagagacag	240
agagctcagg ccatggcccc actatgaaca aagtggctct aggacacaga aaaagagtga	300

<210> 104  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 104	
gcctgtagtc ccagctgctc gggaggctga ggcaggagaa ttgcttgggc ccgggaggcg	60
gtggttgagc tgagccgagg ttgcgccact gcactccagc ctgagcaaca gagcgagact	120
ctgtctcaaa caaaaaccaa aagacatcag gaaacatgcc tcttatggaa tttgaggggg	180
aaaagtcagg gtcttggcag tgaccttggg caagccatta gcctcttgat acctcttttc	240
tcctctgtaa aatgaagggt gtagttacct acttcacagg gttattaggg gattcaatgt	300

<210> 105  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttatcttgga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttggtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaaactct	gcccaaccact	tttctcctat	300

&lt;210&gt; 106

&lt;211&gt; 287

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(287)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 106

acctgagcta	gggttgacgc	agaaattgag	ttgcagcttg	cccttgctcca	gacctatctt	60
ctgcttgctg	ttttgaaaca	ggaggtgcac	gtaccaccca	attatctatg	gcagcatgca	120
tgtataggcc	gaactattat	cagctctgat	gtttnnnnnn	nnnnnnnnna	taatgcgana	180
gangccatca	cnntnctatt	gtgtctnaan	tntngccntg	ngntattcca	tgnctctctn	240
ntatnnanct	ntacnaatan	gttttacgtn	atncnnttcg	atcttttg		287

&lt;210&gt; 107

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 107

ccctggatga	aaacctaggc	agtaccattc	aggacatagg	catgggcaaa	tacttcatga	60
ctaaaacacc	aaaagcaatg	tcaacaaaag	ccaaaattga	caaatgggat	ctaactaaac	120
taaagaactt	gtgtgcagtt	ttatcttgga	gtgtgtgtgg	ggtagctctg	agtttcaaaa	180
atgaagaaaag	taagtagtca	tgctttctcg	actctttggg	agacatagcc	tttaagacag	240
tcattctgag	ctgttatggg	cttaggggtc	cctatactac	taaaacttat	tgatgacatg	300

&lt;210&gt; 108

&lt;211&gt; 285

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(285)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 108

atgcccntag	tacgcaacaa	ntccttcntg	ctccaagagt	aggaaaatta	ctgttctntn	60
tgccagtgag	attcctcttc	tggtattacc	tttgcttcaa	agtccttgaa	ttgcccattc	120
cccacttcat	agcactttatt	gctatctgga	attacactaa	atgtcacctt	catgatggta	180
ggcaattttat	tgcccttagtc	acagtttatgt	ctagagaaca	agcagctggc	tcatagtagg	240
cactcaacaa	atattttgttc	aatgaatgaa	tttataaatg	aatgc		285

&lt;210&gt; 109

&lt;211&gt; 300

&lt;212&gt; DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 109

aattgttaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	actttgatga	60
gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	atgcatgtat	120
agttttgtta	gacagggcca	catacccttc	cttagaggta	gtaccctttt	gtattcctgc	180
cagtaatata	tgagagtcca	cagagtatgt	ggttaagctt	tagaatgctt	gtccatctga	240
tagggaagaa	atcgtgttgc	cttaatttgc	ccttcctttta	ttatgaatca	gatttttaac	300

&lt;210&gt; 110

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 110

cagccaatag	ccatgtaact	gagcttggaa	gaggatcttg	ctgtcctggc	caacatctca	60
ctgcaattct	atcagttgaa	ttccctggat	agtccaagct	ttgtggatcc	ctccaccaga	120
acaactggat	cccagtacct	gaatcctgaa	tcttagactc	ttatacttca	aacactgatc	180
acgggaacag	ccggctcagc	agctcctgag	ttcctaattg	tcagaacatg	gatgagatga	240
taaatgtttg	ttgtgttaag	ctgccaacct	ttggcggggg	ggtattcgtc	acaggcaaca	300

&lt;210&gt; 111

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 111

aagcaacttc	ttgcctcttc	tcaatataga	attcaaagat	ttgagagggt	ctgcaagctt	60
tttctgaaa	ccaagtacct	ctgggtgacag	tttaciaagt	ggaagcattc	cattggcaaa	120
tgaatccttg	gagcacaac	ctgtatccag	tttagcagaa	cctgacttga	tcaactttat	180
ggacttccca	aaacataacc	agatcataac	tgaagaaaca	ggctctgcag	ttgaaccaag	240
tgatgaaata	aagagagcca	gtggagatgt	ccaaactatg	aaaatttcat	ctgtgcctaa	300

&lt;210&gt; 112

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 112

ggcgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgagctct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgagtgatt	aatgcattct	aaacatccta	180
ccccacttta	taaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaattttatg	240
ggaatgtccc	taagtgttta	ctgtctttat	ccagtcaagg	atttgctttt	ccttgaacat	300

&lt;210&gt; 113

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 113

gacttgaaaa	aaagtcacat	ccagcaaatg	cagggtcaca	tgaaatatgg	gcctcctgga	60
atccctacag	tggatggaga	ctggctcata	ccttgccaga	tccctctctc	agttccagcc	120
ttctggacaa	ggcctgggct	aagaggagct	gattcgttat	ctcttcaccc	actgccctct	180
cagtatcacc	agtcccaaag	acaggatacg	tccctgtaac	ccaatctctc	ggttgattga	240
tagcagaaca	gctcttggtg	gtctgagaag	gcaggataag	tgaccacata	tttatgccac	300

<210> 114  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(291)  
 <223> n = A,T,C or G

<400> 114  
 gggggggnnaa aaaannnatt tnannnnnttt ttttncaaan nanaggggggn tntngntttt 60  
 tnnattaaaaa nnnccgggggn nnnnccatnn ngttttttttt aaaaaannntg gnaannctnn 120  
 ggngtngggg cccctnaant gttttnaaag acnccccctt ccaaattttg aaaacattgt 180  
 aattggagaa gaaggtanct ctgcaagggtt aatctgtcat tctcaatttg ccttattgtc 240  
 ttgtttatta agatgttgga aaagcaggag gtagctgtgc ctcaattatt g 291

<210> 115  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 115  
 aaacagaatc cttttttcct ttttttggtta aaagtactca tccctaatat tacattgttc 60  
 tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120  
 tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt 180  
 tggcatatgg accctgagag aaagaacttt aatttttttct cttggactgc aataaagtat 240  
 agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 116  
 aacagaatcc ctttttcctt tttttggtta aagtactcat ccctaataatt acattgttct 60  
 ggaaggactg aaaataacag aactcagcac catgatcggg ccgggacaat cagattattt 120  
 cattcctcag caaacggaga tcatgccgaa aagtggaaat atgagctctt ctttgggtgt 180  
 ggcataatga cctgagaga aagaacttta atttttttctc ttggactgca ataaagtata 240  
 gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcgggt aaataaaggc 300

<210> 117  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 117  
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 agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagagggtcaa 120  
 gggccacatt caccttttca gtagtactca atcaaatttg tagtttgtaa aagtatttta 180  
 acagctctgc ggcaaagtgc aatatgaaaag tcttgatggc atggactgga gcgggggacag 240

tgggggatgga gaaaggggaa tggattggtn gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 118  
 cccgctgagt ggcagtggca ggaagtcggt ggaagcagat cctgtgagc aagttgaatt 60  
 accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120  
 ggctccgcc catgattggg cacctgggtca ggctgggaga tccaaatagc acccagtggg 180  
 cagctgtccg acccctggag gggcaagcca ggaaagaaa ttagggccc ctgtgaccag 240  
 atgtccctcc cagttgggaa gactaaactg gtttggccaa tatctcccag gattccctcg 300

<210> 119  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 119  
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 ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120  
 tcagcaccat gatcggaccg ggacaatcag attatttcat tccctagcaa acggagatcg 180  
 atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240  
 gaaccttaat tttttctctt ggactgcaat aaagtatagc tgctaaaaat acgtttctctg 300

<210> 120  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 120  
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 agggtaggag gcatttaca ctcagatttt atttattttg aaattatcaa ttgtataaat 120  
 ctaatttatt accaaatagg gtctttttaa aaatatTTTT atcgttgaaa ccttgacagg 180  
 tacttcatat tcttctaata atttaaacag tccaataatg tggatatacac tttgacatcc 240  
 aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 121  
 ggagaactgc tcaactcttt tccctcccca taaaaactca aagtcccttg ggccccaatt 60  
 cagagttatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120  
 catggagggtg ttctgttttg ggttttttag actgctgctg ctcagctggg tgcttgaact 180  
 gacagtaggc cagcctgttc tctgccatc cctagtcac ctgtgcctca ccacagcttg 240  
 cttagagcaa gccttttctc agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 122  
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 gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120  
 ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg aggggtctcac 180  
 tctcaccag gctggaatgn nnnnnntga ttgtagcaca ctttggccac caactcctgg 240  
 gctcaagtga tcctcctgct ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 123  
 cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60  
 cacctttaat gtctatatc ctaccaatag tctttttaag gcaatatagg ctttctctaa 120  
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggtttt 180  
 tggctgtgtc cataggaagt cacaacaggc aagggaaaga aaccagaacc cagtcatgga 240  
 gttaagaagt gagtcagaga gtagatgggt agggacagtg aggttaaggcc tctttctaa 300

<210> 124  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 124  
 ggaactatgc cctccctact cccatcattg ccaattaagt ctttttccct taaaaatcag 60  
 ctaaacaatc ttcctcttga tcccttagtt atgtactctc attcttcgtg tactccatgt 120  
 gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180  
 gtttgcttaa tatttgtttc tcatattaga atgtaagctc catgagagct aggatcatgt 240  
 ctgatttctt tgccattgta ttgcagtgcc taaaacaata ttttacaat ttaagtaatt 300

<210> 125  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (276)  
 <223> n = A,T,C or G

<400> 125  
 accatttctg tacaacacaa gctggccttg gcagtttcgg tgcataaaaa atcaggtcct 60  
 acagctcgag agggcagagc cacagtccct ggacggcggt gactgaggcc ggatccttcc 120  
 tggaggcctn nnnnnnnngg ggacccagc anctcatcat cancatgtgt ggagccaagg 180  
 agtctgntac ccacgtnnnn tngnggatgc ccgatgncng ntttggtnnt nttgacntgt 240  
 tnntgntnaa ntnnttnnng nttctantnn tctgat 276

<210> 126  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 126  
 cctggcagtg ttgtcagctc aacctgggtgg gttcagttct gtctgaggc ttctgctctc 60  
 attcatttag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120  
 gcttaactca aaacctgggc atggttttgg ttgccattcc ataggtttgg agagctctag 180  
 atctcttttg tgctgggttc agtggtctct caggggacag gaaatgcctg tgtctggcca 240  
 gtgtggttct ggagctttgg ggtaacagca ggatccatca gttagtaggg tgcattgtag 300

<210> 127  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 127  
 cataatcgca aagtgggaaca tgaagctcta ggcagtagtc tcttgactgg cccagagggga 60  
 cttttggcca agaacgaga gaacttaaag cgattaaaat gtctgagacg ataccgccag 120  
 cgctatggag tggaagcctt actgcatagg cagttgaagg aacggagaat gctggccaca 180  
 gatggtgctg cccaacaggc ccataccact cgttccagtc agaggtgctt ggcctttgtg 240  
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 128  
 aggtgcatag agttttgcct ataatcccaa cactttggga ggctgagatg gggagatcgc 60  
 ttaaggccag gagttcgagg ccagcctagg caacatagca agaccccat ctctattaaa 120  
 acaaaacaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180  
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctacacagact gcatacagag 240  
 attggttcat caccctctac aacgtgctgt acaccagcct gcccggtgctc ctcatggggc 300

<210> 129  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 129  
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 aagtctcttt cttgcccac accacatccc tagtactggg tatcagtctg gccacttggc 120  
 tttctggttt gccccaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180  
 ccattatacc aagttactat ctttgtcaaa acccccagta actgccaatc tcacttagaa 240  
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 130

gtcgaatgaa	tcctttgtcg	ccttttagctt	ttagtccttt	gaagagaggt	gagagtggaa	60
atcaagagat	ttttttccac	ggggaagttc	tttttacaaa	gcgttgattt	ctcggcaccc	120
cgcggggcgg	gcaactgaca	cggcctccgg	tgcaccttct	gcgctgtgga	gcctctgggg	180
ctcagctggn	nnnnnntcgg	gtcgtgnggc	ggtagggcgg	gagcggngga	agggaaaagc	240
naangctgga	aaagaagcag	ggcagttgng	aaccagacat	ccagacctcc	tgaagggtcc	300

<210> 131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 131

ctggactctg	agtcgtcttg	gtcccaggag	ccagtagtga	aggcaacagt	ctgcccacct	60
gtggacacca	gacccctggga	gtccctgggt	agcaagttag	atctctggga	tgtagtgag	120
gctgggtgaa	gaccagaggt	aaactgcaga	ggtcaccacc	cccaccatgt	cccaggtgat	180
gtccagccca	ctgctggcag	gaggccatgc	tgtagcttg	gcgccttggt	atgagcccag	240
gaggacctg	caccagcac	ccagccccag	cctgccaccc	cagtgttctt	actacaccac	300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

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aaagtacagt	tcaagtttgt	aactccatac	tttgtccaaa	gactggacgg	gaaaaaagaa	120
agtcaccgga	aaaccgggtc	ctgagaaaag	tcctcaaacc	agacatagaa	agagaaagac	180
ttaagaattg	cctgggctca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttgga	gtttaatgag	aggaatatac	tcatacatcag	tctatttaga	agagatttcc	300

<210> 133

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 133

tagggtaann	cngnannaaa	angngcanta	ngttnagacn	ngncnnncnn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tnnnnnngn	naaanagggt	tnatggnag	120
nacnctctc	ncnnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
ccctggccc	caggggaaag	agggcggggt	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattgc	gtctgcacac	ccctgcgtgt	aactgcattc	cataccaact	aata	294

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

ccaatggatg	caggaaaact	gagatgggat	ttccccacgt	tgcccaggct	ggctctctga	60
gctcaaagca	atccagattg	ctgggattac	agctgtgagc	caccgtgcct	ggctgagatg	120
acttttaaaa	aaagactttct	ctaaagtaga	aggaaggggtg	gaattgtatg	cacaagaaga	180
aaaaaacctg	gaagaaaaaac	atactaaaga	ggctggagtg	caatggcgcg	atcttggtctc	240
accgcaacct	ccgcctccccg	ggttcaagtg	attctcctgc	ctcagcctcc	caggtagctg	300

&lt;210&gt; 135

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 135

agactcttca	ttctatcacc	ctgtctcaca	aaagacttgc	ccaaggctac	gaagcaaggc	60
agtgactaga	gtccagacat	cagaactagt	tccatgtttt	ttttttcact	accagtcctt	120
aggccccaaa	ccgcagatcc	tgctgtgtga	ccattaagcc	cctgactgtt	ctaggctcaa	180
cttccaaccc	tttctgcagg	tcctattacc	tctgcctcat	cctcccaaca	tgataaccag	240
agtcttctct	cacattgtac	tgctaccccc	cttatgttcc	caggctctcc	cttggtttta	300

&lt;210&gt; 136

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 136

gtgtgcttgt	gaaagtgtcc	aggcgtgtgc	acagccagtg	cgcccacttc	cgggctcctt	60
gtcccttgc	gtactgaagt	tttggatttt	gcattccaatc	ctgtgtgcct	gcccttctgc	120
cgaaggcttg	tgaggggcct	gagtcctctg	cccattcagga	tgacaggctc	cttctctgag	180
ggccatagga	gggaagtgtt	ggaaacacag	aatgattcca	aggtgctctc	gttcctgagg	240
gggactgggt	tgtaacccat	gacatctgtg	ggcgagagag	gcagctggga	gcaggacact	300

&lt;210&gt; 137

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 137

gctgcattctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct	60
gtgcccgtg	cttccgggtg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggctgcc	120
tggatccctg	acttgatcc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggctctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	cccgccacag	300

&lt;210&gt; 138

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 138

gcagggcaga	gttctacctt	ctcaaacccc	ccagccggca	catcacacac	cggaggccag	60
gacccaagcc	cagcagacac	aggatctgct	aacgcagctg	gcagctgagg	tggtatcga	120
tgaaagctgg	aaaggaggag	gcccagctgc	ctctctccag	aatgatctca	accaggggtg	180
cccagggagc	actaattcca	agaggcaggc	caactggtcc	ttggaggagg	agaagagcag	240
actgctggct	gaggcagcac	ttgagttgcg	ggaggagAAC	acgaggcagg	aacggattct	300

&lt;210&gt; 139

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 139

aaaagatgag	tgattttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag	60
caaacaaggg	gctaatecat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata	120
ggatttttga	gccttttatg	atctggaact	atctgagggg	tttcattata	ggccttggtt	180
ctctccaggg	gccagatgag	tttattgtgg	aatctttgaa	aggacaaggc	ctctgtgaat	240
gaatcagtc	caggggaagc	tttggtggtg	gcggcagtg	aggattgccc	ggtgaacct	300

&lt;210&gt; 140

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 140

ctgctccgag	tcaggcgagg	taaaaggcat	tttaccatag	ttacaaccgt	gctctgaggt	60
gggtgtgtgc	ttcttttgcc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca	120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca	180
tgcatagacc	agccttttcc	tcatacaggc	gatactgcag	aactggcacc	tgggttgac	240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgcc	ttggcagcag	300

&lt;210&gt; 141

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 141

gccacattct	gaggaacatg	tcattgttctg	ggaggggctaa	ggcatcaagt	aaggcctgtg	60
gggctggagg	atcccaggca	aggtggggca	atccagagcc	atgggggctt	cccatgggaa	120
ttgggaggtc	ccaaggcaga	gtcagaggtt	ccacaggagg	agtcagagag	tcaccaaggg	180
ctctcctggc	ccagggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct	240
tgggccaggc	tgcccatgtg	gggccaggag	gcagctcaga	gtgggaggga	gagagagaag	300

&lt;210&gt; 142

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tggtgacttc	ctgggggttca	60
gaccttgcca	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gacttggtga	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtcccctg	ctcccaggt	gtacagtgcc	accaacgtgg	agctgggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtgc	aggagcaaag	cggggaagac	tccattccag	300

&lt;210&gt; 143

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggctg	gctctgcagg	agaagtgtgtg	120
ggctctgagct	ccgtcacggc	cgctcccag	agcccagagt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240



gagaataaaaa tggattacgc acatcacagt cattaaacgg tgatcacatg cgcctttcta 300

<210> 144  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 144  
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 cagactccgg gtctggtgta tagggccctt ggcaaattcc tattcctttc tgggcctcct 120  
 tgaagagaca gtgggctgag ctcttaggct ccctttgatt ctctgtgtg tggcccagaa 180  
 tgggacagac agactgagct gggcacagaa ataccatagt gacagaacca ttcgaagacc 240  
 ctgacctgat ggaggccccg ggccagggga ggaggcnnnn nnnngctgtc natctgaa 298

<210> 145  
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 <212> DNA  
 <213> Homo sapiens

<400> 145  
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 acgtggaatc gacgaggtac gaaggggaag tgggtagaag cggaagtgg tgcgccttcc 180  
 ttcagccggg gctttaagcc ctgagcttgg cgctcctctg tttttccacc gtaggacctt 240  
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<210> 146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 146  
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 tggttgaaat ttttgaatct agtcaagaag gaaaatttga tgaggaagga aggaatggat 120  
 atcttcagaa gggcttcgcc taagctggaa catggataga ttccattcta acataaagat 180  
 ctttaagtcc aaatatagat gagttgactg gtagatttgg tggtagttgc tttctcgga 240  
 tataagaagc aaaatcaact gctacaagta aagaggggat ggggaagggt ttgcacattt 300

<210> 147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 147  
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 tgcattgcaa ttgttagcat atacagccct tggattttta attatgagac taaaactctt 180  
 cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttggatg 240  
 gctcttttgc aaagtacatc ctgggtgctat tgtgtttgct atattagcag caatgtcaat 300

<210> 148

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 148  
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 ttctgaatgc tgcttctgcc ccttgggacc cagcacattg ttagaccatc ttcttgactg 120  
 aaaattctct cctgatgctg agccctgcac caccaccttc cttttcctaa ctatgaattg 180  
 atggcaaagt ccactcaaaa caaccagtta agtgtctcac agagagtagt caagcacctc 240  
 cagaaagaaa cggggttttt gttcacatag caggaagtga ctccctgggt ggtaatttat 300

<210> 149  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 149  
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 atagtaaacy ttatgacaga ttctttgaat gcgctaactc cagactggac taaagttggg 120  
 attaaattta atttgtactt gagttcagtg cattgctgtt ctgggcatag gaaatccagg 180  
 ttgctggtga tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcattg 240  
 gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaata gtaaagaaaa 300

<210> 150  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 150  
 gcaggagaat cacttgaacc ctggaggtgg cggttgcagt gagcacagat catgccactg 60  
 cactccagcc tgggcaacaa aacgagactt cgtctcaaaa aaaaaaannnn nnnnnnnnnnn 120  
 atcctttggn cgggttctcc caaattnttt tgaggggncc atggncacn gcttnagctt 180  
 tgttttggca acccctgccc cnaagncgca tataggctgt tcttnacctt gtttccaagg 240  
 ctgaggaaca naaagtancc tntgttttga ggaggnggaa gttaagtatn cnttaatttt 300

<210> 151  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 151  
 agaaattaag gcctctgggt tcaatttttg gccccagtgt tgacctctgt gtaagcctgg 60  
 caggatgtct catttctggg tcaccttttc cttgccaca tagtgaggta ttagaccaa 120  
 atcattgcta agagccttct aactcctaag acactaggtt tagtcagcca aaagcatgtg 180  
 attttccag atttccaaa ctcttgtaa cctaattgaa agtacacaat gaacttgcaa 240  
 gaatttaagc atccttagat gccagtcttc actttgggta ttttccagcc tcttcagtga 300

<210> 152  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 152
gcaaaaataaa tcatcagcag ttggggccacc tgaaaaaagtg agacgggttta ctctggatag      60
acttaagcaa ctgggagtag atgtttccat taaaccacgg ctaggtgctg atgaagattc      120
ctttgtgata cttgaacctg aaaccaacag agaactggaa gccttgaagc agcgtttctg      180
gaagcatgct aatccagcag ccaaaccacg ggctgggtcag acagtgaatg tgaacgtcat      240
agtgaaagac atgggcactg atggaaaagga agagctaaaa gcagatgtgg tacctgtgac      300

```

```

<210> 153
<211> 293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(293)
<223> n = A,T,C or G

```

```

<400> 153
gagcttcgga agctgccagt gccacagga cccaaccccg tgggtgggtgt gctgcagcag      60
gtcttccagc ttatccagaa ggtgctgagc aaatgggtga atgatgccca gggtgnnnnn      120
nnggtgtgct ctatctttga taagtgtgnt nntanactgc tgnatgactt tnanntcatg      180
gtgcanaaat gtgaaagatg ctttgccaaa tatgntaaat antgcttggg gccttgttnt      240
gaattttcnt caatntnncc atanatgatg natctttann gntcacccta ttc      293

```

```

<210> 154
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

```

```

<400> 154
tatcagacaa tattttatta ttttttcata gatgttctgc cacacaaaaga acttgggggtg      60
taaggataag gcaaaaagctc caatcccatt attcagttct cctaggatgc acccctcagg      120
gagcctggcc agagtccga ggccnnnnnn nnnnnnnntgn cncntgntcn acnntgnnnng      180
gctnccggcg aggcnnngct gagnantncc atgangctga tagnannctg antctgccgg      240
ngaacngtna gganagagac nttactcgga      270

```

```

<210> 155
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 155
ctgcccgggtg gagegggtgc ttctcacctt ctgcaaccag tatgggtgcc gcctctccct      60
gcgccagcca ggcttggtct aggcgtgtgt tgtgaagttc ctggaggatg ccttgggggca      120
gaagctgccc agaaggcccc agccagggcc tggagagcag ctcacagtct tccagttctg      180
gagttttgtg gaaaccttgg acagccccac catggaggcc tacgtgactg agaccgctga      240
ggaggtgcta ctggtgcgga atctgaactc ggatgatcag gctgttgtgc tgaaggccct      300

```

```

<210> 156
<211> 300
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 156

ttgattaaaa	acngcctcct	taacctctga	agactgattt	tgctttatca	tgtttcaata	60
ataacatttc	agaggttact	ctgtagcccc	agttgtaagc	ttataaaaac	aaactggaag	120
gctgaggagg	ttatgggctg	gcagccaggc	tatgtttaca	gctgctggag	atggcagtag	180
ccttatactt	tgagcaggta	gtacatccca	ggctgtgcta	gaggtagatt	tgttttttca	240
cgtttgatct	gtggctgggtg	gccacctttg	ttgatttggg	cttacgagtt	tcatagtagc	300

<210> 157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 157

gttggtcttg	tgtggatgca	ggttgctctc	aaggaggatc	tggatgccct	caaggaaaaa	60
tttcgaacaa	tggaatctaa	tcagaaaagc	tcattccaag	aaatcccca	acttaatgaa	120
gaactactca	gcaagcaaaa	acaacttgag	aagattgaat	ctggagagat	gggtttgaac	180
aaagtctgga	taaacatcac	agaaatgaat	aagcagattt	ctctgttgac	ttctgcagtg	240
aaccacctca	aagccaatgt	taagtcagct	gcagacttga	ttagcctgcc	taccactgta	300

<210> 158

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 158

ggtgtccaca	ctgaagggcc	agctgcagca	ggagcttcga	aggagctcag	cacccttctc	60
cccaccctcc	ggccccccag	agaaatgagc	tctgtctggc	atctggagaa	caccctgtg	120
cctgggacag	gggaggaccc	ttcttttgga	cagccccccc	ccagagcccc	gtcccttgnn	180
nnnnntaagc	tgnnnnnnca	ctgggagact	ntgntantga	aatnctnntc	ctnngcta	240
ttantcttan	ncgngnggtn	tcttnctgtn	nnccaagnca	ncncatgc	gtttt	295

<210> 159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 159

aagcccgcga	cccactgtgg	gactttctgg	tgggctcctc	agctcccacc	ccaggctggg	60
gcccagattg	tgaggtctgt	gtgcatgtgt	gtgtgtatgt	gtgtgtgcat	gcgtgtgtgt	120
gttgtgggga	tctggcctgg	cccttgggga	tgggctgct	ggggactgcc	ccccttccc	180
ccgtggccag	gcgctctgtg	tgtgtgtgtg	gccccaggct	ctgttgaccc	cgccaggaa	240
ctaacttacc	cagcttggtc	tctcctgagt	cctccacct	ggcctgggat	tggccaggga	300

<210> 160

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 160  
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggctt 60  
 ctggattggt tcaactgtgat tccatagggtt ttctgatgcc acgcagtgtg tgcttttgtg 120  
 tatggaagca agtgtgggat gggctctttgc cttctctgggt agggagctgt ctaatccaag 180  
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctgggtggg agtggggagg 240  
 gtcagggttg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 161  
 cccagctgga ctgggtggcc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60  
 acgtggaggg taggaggtct cagggtctgc cctggcagca ccagagtgtg ggccggggcc 120  
 gagtgtctgc cctcggccc tcagggtggg gcacttagca ccagaaggg accaaaagca 180  
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240  
 gctggctttc agccccagac cccacgctag cactttccac gctgcttgcc cgtgatgat 300

<210> 162  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 162  
 gtccttgtcc agcctccaag acccacaagt ccttctctct gggaagcccc cctggcctgg 60  
 aggtgcacca ggaagaagtg gtctggggct ggcactaagc catggcccag ggaagactgg 120  
 gggaccact aggccaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180  
 cagcccgagg cggagaacac cgaacaccca gtgaagggtga ggggatcagc acggcgcggc 240  
 caccacgca cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 163  
 ctgacggagg ctttgtctggc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60  
 tagactgttg acgtccccctg ggaaggggac ccaaggatga attggctgtg aaggatcctc 120  
 cctgagactg gcaagggagg aggctgagca gaaggagtca tcatggagga gcggtgagaa 180  
 catggaaccg gactccaaga tgacgatcta aagacccggg agcgagaagc caaggccagg 240  
 ttctgggtgt agggcccaga gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 164  
 aggcagcagg tgaagaggca gggcccctga cggaggcttt gctggctgtg gtgatgggga 60  
 ttgagttggg ggcaagggtc cctgcctaga ctgttgacgt cccctgggaa ggggacccaa 120  
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180

gagtcatcat ggaggagcgg tgagaacatg gaaccggact ccaagatgac gatctaaaga 240  
 cccgggagcg agaaagccaa ggccagggtc tgggtgtagg gccagagaa gcagaacagc 300

<210> 165  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 165  
 agacaaagaa aagggtggcaa tcatagaaga gttagtagta ggttatgaaa cctctctaaa 60  
 aagctgccgg ttattttaacc ccaatgatga tggaaaggag gaaccaccaa ccacattact 120  
 ttgggtccag tactacttgg cacaacatta tgacaaaatt ggtcagccat ctattgcttt 180  
 ggagtacata aatactgcta ttgaaagtac acctacatta atagaactct ttctcgtgaa 240  
 agctaaaatc tataagcatg ctggaaatat taaagaagct gcaagggtgga tggatgaggc 300

<210> 166  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (286)  
 <223> n = A,T,C or G

<400> 166  
 cttgacttcc aactgcccct gagatttgac ctccagtata aggggcaggc gggtgccctg 60  
 gagcgtccag tcttcattca ccgagcagtg ctcggttctg tggaaagact gttgggagtg 120  
 ctggcagaaa gctgcggggg gaaatggcca ctgtggctgt ccccgttcca ggtgggtggc 180  
 atccctgnnn nnnnnnnnna agaggaatac gccaaagagg ctacagcanat gcctgcgggc 240  
 tgcaggactg gncantgacc tggatgctnt antctggact gatcct 286

<210> 167  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 167  
 ggattctttc actgagcaca aagagttggt ggggcttttag catctgactg atttttttac 60  
 ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac 120  
 aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa 180  
 cctataaggt gttcaatacg cttgtgtttc caaaattcac tgtacatgat cagtttggtg 240  
 ttcttgtagc acagttttta actgaaggaa ccagttgtaa cagtctcaat ttttaactaaa 300

<210> 168  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 168  
 caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg 60  
 catggcagaa caagaccctg tctctaaaaa aagagaaaga aatcaaaacta atcatgctgc 120  
 tcatggattt ttccaataaa tttcttggtt tggcaggaag aaatgaacac tgggtattaga 180  
 cttaaagatt aaatttctc aaacatgtcc tatctgtagt agttcaacta gacacctttt 240  
 aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg 300

<210> 169  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 169  
 gcaagccagg agtgctggca caggcctgtg gtcgcagcta ctggggagge tgaggccgga 60  
 ggatcgcttg agcccaggag gtcaaggcta cagtgcagccg tgatcatgcc actgcactcc 120  
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aacccatgag cggcagcccc 180  
 ccagtccctg atggtggtaa agaatcctca agatcaaacc cacgcagtgc tgagagcttg 240  
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 170  
 caagagagag tgatagaatt ggcagtgaat tatacgaacc accctcctgc cctctgggtt 60  
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120  
 gaccctcagc ctgcggatgc ctctagaaac ctctgtttga ttgcaggagg agtcggaatt 180  
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240  
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 171  
 tttgcagccc cccctaggtg gaccnttaa ngatttggnt tttcccctgg gcanccaacc 60  
 tgccccanag gncacagacc tgggntttca gctttgggnc caggctgccc aaaggngactc 120  
 cnttatacnc ccggcncctt ncncgaaana ngggncttnc caagcaagcc cctangattt 180  
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240  
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 172  
 cctagtccca gagtcctgga ggggcatact ggggggtggct gtgcagtccc agcatcccca 60  
 acccagcatg tatagagagc atccatcctt acatccagct gacccatgcc catgctcctc 120  
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180  
 ctgcagtggc tgggaaactt ggcaagagac cagaggaccc aatgcagac ccttcaagtg 240  
 aggccaaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tcctgaaaa 300

<210> 173  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 173

cgtgctaattg	gaaaaattgt	tagtaaaaat	aggttcatgc	agtcttattg	atcatgcttg	60
taattctgaa	gattccactt	gtactttttg	taaccatatt	tctcttctct	tccattctct	120
agttgtgaga	aaacccagtt	gtccaataat	tgtcaagctt	tectcggoct	taggggaatga	180
gcactcaaga	cctttctggg	ccaagtgtgg	tcgccgactc	ctgtaatcct	agcacttttg	240
gaggccgagg	agggagagct	gcttgagcct	aggagttcaa	gactagcctg	agcaacagca	300

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

ggaaagagaa	gcatgcaaca	attagatccc	tcaccagctc	gaaaactggt	gaagcttcag	60
ctacagaacc	cacctgccat	acatggatct	ggatctggat	cttgtcagtg	actttatgag	120
agtttctgcc	acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcccc	gcacgtggtg	180
actgctgat	ttctgctcgt	tgcttttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 175

ctggaaacca	tttaccagaa	agtgacgggc	aaggagctga	gatacgaggg	cctgatgggc	60
aaacccagca	tcctcactta	ccagtatgcc	gaggacctga	tcaggcgaca	ggcggagagg	120
cggggctggg	cgcgcccat	ccggaagctc	tatgctgtgg	gtgataacct	tatgtctgac	180
gtatacggcg	ccaacctgtt	ccaccagtac	ctgcagaagg	caacgcatga	tggggcgcca	240
gaactagggg	ccggggggcac	acggcagcaa	cagccctcag	caagccagag	ctgcatctcc	300

<210> 176

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 176

cgaaagccca	tttcaagctt	tgtgctgect	cttgatctac	ctctttgtcc	aggtggnggc	60
gctttgcttg	gaggatttgc	atgcgtttat	tgccgaggcc	ttgtgectcc	aaggaaaatc	120
cacctcgag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcat	gtggcttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 177



```

accctctctg gccacatgga ggcagtttcc tcagttctgt ggtcagatgc tgaagaaatc      60
tgcagtgcac cttgggacca tacaattaga gtgtgggatg ttgagtctgg cagtcttaag      120
tcaactttga caggaaataa agtgtttaat tgtatttccct attctccact ttgtaaacgt      180
ttagcatctg gaagcacaga taggcatatc agactgtggg atccccgaac taaagatggg      240
tctttggtgt cgctgtccct aacgtcacat actggttggg tgacatcagt aaaatggtct      300

```

<210> 178  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

```

<400> 178
actgctcctt cattcccaag aagaaaagac aagtactgct acttccaaaa ctcagacacg      60
acttgaaggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag tgtcattgcc      120
attaagctct ccaaacataa agctgaatct cactagccct aaaaggggtc agaaaagaga      180
agaaggggtg aaggaagttg tacgaaggtc aaagaaattg tctgttccag cctcagtggg      240
gtcggaggat aatgggaaga ggaggatgcn ncacnctgcn nntacaggat gttactgg      298

```

<210> 179  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 179
gcaaggttgt gacattgtca cttttttggt ctagactcct ttaaattttc tgcatttgcc      60
tgaaaagcac cctgtgaaga atagatttct catggctcta aaaattattc ccaagaatac      120
cttacttggt tcaaaagcag actgtttctc ttctttcat ctcaaatacag acttctgggc      180
aagatgttct ttagagtaag caaacctaca acctaaaaat ctcttcaaga ggcattctctg      240
gtcttgtgac aagacctctt caaaaaccca cagtaaaact cccctccctc cagttggcca      300

```

<210> 180  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 180
attacttaga agcttataac gaaagctaaa aagcaatttt aataggttca gtaaagccaa      60
ctaccacata gattttactt aatatgtata agaatacaag ataaaagatc tttagacact      120
ttacaaaact gccaaacttg ctaaaagaaga tgaacctgat aaacagccac aggtacacag      180
cctgtacact gaaatgtacg tgggaaagca cagtgcaga atttcttgag ctgtcctgag      240
ggttatgtta accagagctt ctcaacctca ctacatattc aaatggcccc ggagcttttc      300

```

<210> 181  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

```

<400> 181
cttctaaatg tctcctccc cacttgtttt attattactg tttttttctc tctttaatgt      60
ttttttttat agagacatgg tctcactatg ttgcctgggc tgatctcaga ctctgggct      120
caagtgatcc tctgctca gccctccaaa gtgctgggat tataggcgtg agccattgcy      180

```

```
cctggctctg ttactggttt tctaacctga gttacttagg atcatatttt cattcttttt 240
taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300
```

```
<210> 182
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G
```

```
<400> 182
gtacgggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
gacagttcgt gaggcagcat tacagggaac aaaaactgaa gctgaaaggc acctagtgtg 120
cgagcgctgg gatttcctat gcaaaactgga gatggtaggg gaagagggag cctttgtgat 180
agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300
```

```
<210> 183
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G
```

```
<400> 183
gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60
cttttcttgc agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120
taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180
caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngntn 240
tgtaaatect tttgattntt gattnttccc ancatataaa nnntctntan nncctcct 298
```

```
<210> 184
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 184
gaacagacaa gttctgtccc agcctctgct acctetaacc ccatggcatt ctatcctttt 60
ctacactggg ctccatttcc ttaccccaac aatgatctgt tcttccaggc gctgtcattt 120
aatttcccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180
tgagtgacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240
ttttactaac tgaactctat gctagatggt agggataaat ggttaacagg acacagttct 300
```

```
<210> 185
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 185
aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60
```

```

ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac      120
taggattatg ggcattgagc accacaccta gccaggcttt ttatattgag ttgggttatat      180
atgcttcata gccacacttt ataattattg agtatagtat taaattacag cttgttgtca      240
agtcagtgtt tctgtaagac agtatatcca atattggtta gagtaacacc tatttggtga      300

```

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<210> 186
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 186
aaaactttta gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt      60
ttttagtgat ttgaactca atctttaaaa tcttgggaaga gaaggaaaaa aagggtgtat      120
attcgtgtaa tgacatccag atctcactgt tctcttggct cctagtgatg ggggaaaaaa      180
gggtgcgcca ggggttgacc ttcagtaaca cctgcagcca tgcacatga cctccagggtg      240
ttcagaggcc ctgcccattg gacacgtgcc tggctacttc catacatgtg cctctttaat      300

```

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<210> 187
<211> 275
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

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<400> 187
aannatnnaa tatnttannn aacnnnaacn naccnannnn nnntannгаа nntaanaatn      60
aangnacnnt aangannnnn nntgaanaen tncannnaan tcnctaaaaa ngnggtanat      120
gacttcccct gctccgcatt ttgtaaaatg gcccttgggg gagtggtttt gctggatctg      180
ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcgggtg      240
tgggtgggggt cttttgtact gttggattaa taaaaa                                275

```

```

<210> 188
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 188
cctcctgtcg gggaggcaag gtggtttttg accagacagg cgtgtctaag ggttatggtt      60
ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc cagggagcag      120
tgggactggg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa      180
agccagtgga atatagtcag atgtacagtt atagctacaa ccagtattat cagcagtacc      240
agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc      300

```

```

<210> 189
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 189
gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac      60
aggcagcttc ctaccttaat ggcacagccc ccgcaaaact tagtacaggt gcttgcatgt      120
aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg      180
caaccccaaa cccccagag ccaaattgtc ctcccagctt cttcagagaa acagacggca      240

```

agccaggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aacttttgag 300

<210> 190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 190

cgaaagccca	tttcaagctt	tgtgctgctt	cttgatctac	ctctttgtcc	aggtggatac	60
gctttgcttg	gaggatttgc	atgcgtttat	tgcgcaggcc	ttgtgcctcc	aaggaaaatc	120
cacctgcag	cttgtaaate	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcac	gtggcttccc	240
ctggaagacg	agtgatttca	tgcctctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 191

<211> 300

<212> DNA

<213> Homo sapiens

<400> 191

gaggatctgc	cttctgagga	agtggatcaa	gagctgattg	aagacagtca	gtgggaagaa	60
atactgaagc	aacctatgcc	atcgcagtac	agtgtctatta	aagaagaaga	tctcgtgggc	120
tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	caatgtaaca	180
gttcttattg	gaattgctta	tgaaggaaaa	gccatagcag	gagttattaa	ccagccatat	240
tacaactatg	aggcaggacc	agatgctgtg	ttggggaggga	caatctgggg	agtttttaggt	300

<210> 192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 192

gatctgcctt	ctgaggaagt	ggatcaagag	ctgattgaag	acagtcagtg	ggaagaaata	60
ctgaagcaac	catgcccac	gcagtacagt	gctattaaaag	aagaagatct	cgtgggtctgg	120
gttgatcctc	tggatggaac	caaggaatat	accgaaggtc	ttcttgacaa	tgtaacagtt	180
cttattggaa	ttgcttatga	aggaaaagcc	atagcaggag	ttattaacca	gccatattac	240
aactatgagg	caggaccaga	tgctgtgttg	gggaggacaa	tctggggagt	tttaggttta	300

<210> 193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 193

ggctctgacc	ctgcaggact	gggcagccca	gcggtgcacc	atctcctacc	gagccccaga	60
gctcttctct	gtgcagagtc	actgtgtcat	cgatgagcgg	actgatgtct	ggtccttagg	120
ctgcgtgcta	tatgccatga	tgtttgggga	aggcccttat	gacatggtgt	tccaaaaggg	180
tgacagtgtg	gcccttgctg	tgcagaacca	actcagcatc	ccacaaagcc	ccaggcattc	240
ttcagcattg	cggcagctcc	tgaactcgat	gatgaccgtg	gacctgcac	agcgtcctca	300

<210> 194

<211> 300

<212> DNA

<213> Homo sapiens

<400> 194

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gaagaatact gtgaattcta tgactttatc aaaatccagc cacatccagg agcttgcagt      60
tgttgaccaa atgaatgatg acatagagta gttcagatct atcatgtgct cttctatcta      120
atcagtcaat atttccttgg ccttcaagcc aacattcatt ttttatgtat aaccttcttc      180
atgattttga aattttgata gggtaactgc taatgagttc acaaagttag cactttaaaa      240
ggaaaataaa tggagagtga aaacaacttg gctacgtata attgtgggtt ttaatttttc      300

```

&lt;210&gt; 195

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 195

```

gttgagcaat atgaatataa tgccaagtac tgataaaata cggaattcat ttagaatcaa      60
cataggtaga cagactgttt ttagtaagggt tttgtttttt ggtgaatacc atgtttgggc      120
tgtcagactt acttttcccc tgagatccat attttgtaca tgacatacca gatatatgca      180
atatgaaacg gaaacagttt ttcaatctaa tatccaggag tttgtgttaa tatcttgtga      240
acttgtggct cttggtatct ggcattgata aggctgtcta ctaatcctag agaaagggaa      300

```

&lt;210&gt; 196

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 196

```

ttgagaacct gcctctatcc cagaatgtgc tggagatttg aactcaaat cagtgttttag      60
tcttctgctt ggcaccatag cttaacctgc agtttcttca aaatgcccaa tgccttgttt      120
cctattacct tagattgcaa accagtctag ggaagtctat gagaaagtag catttaatta      180
aagtttaaaa aaaaaaagggt tgggcgttgt ggctcatgcc tgtaatccca gcactttggg      240
aggctgaggg ggggtggatca ctaggtcagg agttcaagac cagcctggcc aacatgggtga      300

```

&lt;210&gt; 197

&lt;211&gt; 264

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(264)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 197

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ctaaaggcag cccccaagtc ccagaaagct gactccccta gcatcgacta cgcagagctg      60
ctgcagcact ttgagaagggt ccagaacaag cacctggaag tgcggcacca gcggagcggg      120
cgtggggacc acctggaccg gagggttgtc ctctgacagg cctggcacgg aggagggccn      180
anncgannng ntncatgant nnttnntgnt gnnngcnntn cngatgannn nntnggganna      240
ngnngntnnn actngntggn nctg      264

```

&lt;210&gt; 198

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 198

```

cactcatttg gaagagtgag ttttgtgagc acaaagtatt aagggccaaag actggggctg      60
cacatgagca attatggggg ggagttgaga aaaaaaagtg tagcctgatg gaggtctctg      120
gaatagaaca agccttgccc atgcaggctt ccgagcagcc ctgggtgggg ttgtggggag      180

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gccccagcg gcttgtggca gccttcagct ctgcaggagc ccgtggggtc tagagtcacc 240  
 gccctctgtg aactggaagc tgctctaata ctgtgcacgt tttgatgtca caactatatt 300

<210> 199  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 199  
 cctagaattt gtggagctgg gttgtatcat aggaaatgca agctgtgctg gtgttcacag 60  
 ctagagagga gaatggttgg atgtgcacct ggctctgcag gaagcccatc tcagggttatt 120  
 gctgaggata agaagctggc actggaatgg ttggaaaggc tgtaagagct ccacatgccca 180  
 cctggccctt tttgggtatg tggtgcccag acctgagctg ctatttagtc tgacaaagat 240  
 agaggggattt tttttcttcc ccctttgggc aacctgcccc tgtattgtac agaggaaggc 300

<210> 200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 200  
 gagaggttca cagccaccaa gaagaagttt gcgtgaagtt ctccaggact atggaaacct 60  
 tacaggatac tgacttagaa cctctgttgg aatgtggctg agtcaaagcc tcctgttggt 120  
 gttaggggta tctacagtaa ggagatgata cttcaggaga ttatatttca ctcaatgac 180  
 ttttctcatt tcagggtctt tctcaaataa gctaaaagaa aaaggatcag gagacaggaa 240  
 aagtcttccg ttttgagtca tgagttaggc aatagacaag gttctcttca aaaccatcat 300

<210> 201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 201  
 gcctggaccg ctcatcgga ctcgtcgggc agagcttttg tgctgccttg caccaggaac 60  
 tcagagaata ctatcgattg ctctctgttt tacattctca gctacaacta gaggatgacc 120  
 aggggtgtgaa tttgggactt gagagtagtt taacacttcg gcgcctcctg gtttggacct 180  
 atgatcccaa aatacgactg aagacccttg cggccctagt ggaccactgc caaggaagga 240  
 aaggaggtga gctggcctca gctgtccacg cctacacaaa aacaggagac ccgtacatgc 300

<210> 202  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 202  
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 tgtgtaagcc tggcaggatg tctcatctct gggtcacctt ttccttgcca acatagtgag 120  
 gtatgtagac caaatcattg ctaagagcct tctaacttta agactctagg tttagtcagc 180  
 caaaagcatg tgattttccc agattttccc aactccttgt acctaatga aagtacacaa 240  
 tgaacttgca agaatttaag catccttaga tgccagtctt cactttgggt attttcctgc 300

<210> 203  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 203

aattagtgga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggctgaaat	60
ttggggcctc	tgaagtggca	tggagattga	ggtccagaga	gcctgagatc	ttgagggctg	120
acatttgga	agatgggggc	gagggttgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	cgggatgct	ttgccagaat	ctctgctgga	ttggccgtaa	cctgtcccc	240
gagcgggctc	acagggctctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

&lt;210&gt; 204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 204

ccccgataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaagggaat	gtgtagtaga	120
acgttgctgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgctgaaa	gcagcagtaa	agggcgatgg	atcttggttg	gggaagtcct	ccttgccggag	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

&lt;210&gt; 205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 205

cacaagcaac	tttgctttag	aatctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaatgtg	aggagggaaa	tgtacttgca	gaggtttcat	120
aattattttac	ttataaaaaat	agtcttcata	gccggggcgcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggtca	ggagttcgag	accatcctgg	240
ctaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccggg	cgtgggtggca	300

&lt;210&gt; 206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 206

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtgtgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccaac	atccccagtg	aaactttaag	aggagccagt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300

&lt;210&gt; 207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 207

gaaatcagta	gccccagaga	tacctggcaa	tagctttttg	agaatctgga	atacagttag	60
cactcaaaca	tttgtagaat	gaagggcagt	agaattatca	tttctcctcc	tgtctaataa	120
ctgtgacaag	ggagtggccg	gtgacttttt	ttggtagagc	tttttcaaga	aaaagtttag	180
tcctacggac	agttcggtag	ttattctact	tcagacactg	ggcatgtttc	atgttcttca	240
aaaagcccag	ttatactttg	gtttttttgt	gtttgagacg	gagttttgct	cttattgect	300

&lt;210&gt; 208

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 208  
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 cctttctggg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120  
 gagagatagt gtgtttccat ttcacaggctc agcagactcg agcacagaga ggtgaggtaa 180  
 cacagcctgg caggagtggg gttgggattc aaggcctggg ctgaatgggtg gtgctctcac 240  
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<210> 209  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 209  
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 gctggaagaa tctctacttg tctgcctttt ctcttatgtc ccagacattc ttaaaactctt 180  
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccgggtgc tcttcttctt 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 210  
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 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatggggt 180  
 ttctgatcat atggctgatg tggtatgggc agtatggatg tcttcatttg ttgcttctgt 240  
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300

<210> 211  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 211  
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 aggtccgtga taatatccct gaatccaact ttccagaaag aaataggtta catatttttc 180  
 accaggaagc ttcaccagca cactgaacag aatgggtctca gtgcactaat ggaggctcag 240  
 ttaaaggggt gtggtagcac aaggaagaga cattctgact tggaaatttg gagaaggctt 300

<210> 212  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G



&lt;400&gt; 212

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ggcagagggc	gcagggctta	tggcctggcc	ggagttggga	ggtgaagcag	agggcacagg	120
gcttatggcc	tggccggagg	tgggaggtga	agcagagggc	gcggggctta	tggcctgtct	180
ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnc	tt				262

&lt;210&gt; 213

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 213

agcactggat	gaaaacaagg	atggcaaggt	caacatcgac	gacctcgta	aggtgattga	60
gctggtggac	aaagaagatg	ttcacatctc	caccagccag	gtggctgaga	ttgtagcaac	120
actggaaaaa	gaggagaagg	tggaggagaa	ggagaaggcc	aaagagaagg	cagagaagga	180
ggtcgagag	gtgaagagct	agaaccactg	gocctgggcac	ctgtcctcct	gctgtgccgt	240
caccctggca	agggccgtga	gggcgattgc	tttgtggtga	ttctcagtgg	ctcatctaat	300

&lt;210&gt; 214

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 214

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tgagagttac	accactggct	tccttgggtc	aaccaccttc	ttacctggac	tgagcctcac	180
ttacagcttc	tctaggtctc	cagcttgcag	acagcctatg	ggaggacttc	tcagcctcca	240
taagtgtgtg	ggccagttcg	cctaataaat	cccctctcct	ggccggggcgc	ggtagctctc	300

&lt;210&gt; 215

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 215

cctgacggag	gctttgctgg	ctgtggtgat	ggggattgag	ttgggggcaa	gggtccctgc	60
ctagactgtt	gacgtccctt	gggaagggga	cccaaggatg	aattggctgt	gaaggatcct	120
ccctgagact	ggcaagggag	gaggctgagc	agaaggagtc	atcatggagg	agcggtgaga	180
tcatggaacc	ggactccaag	atgacgatct	aaagaccggg	gagccagaag	ccaaggccag	240
gttctgggtg	tagggcccag	agaagcagaa	cagcccagag	cccaggtgc	ctggcctggc	300

&lt;210&gt; 216

&lt;211&gt; 272

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 216

cttagccaga	tcgggactta	cagaagtcta	ccaatggtat	ctggaccttc	gtcgatttgg	60
atctgtgcca	catggaggtt	ttgggatggg	atttgaacgc	tacctgcagt	gcactctggg	120
tgttgacaat	atcaaagatg	ttatcccttt	cccaagggtt	cctcattcat	gccttttata	180
gctggaagat	tggttaagga	aaagcacccc	ccatggcaga	gacactgcac	atgattgtgc	240
atacagcaga	atgcatgttt	ggattttaga	aa			272

&lt;210&gt; 217

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 217  
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 tctatgtatt tgcaaccctt tgtctctgga atcatattac actaaactgg aatctcaggc 120  
 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180  
 taacgatgct ctttctccaa aggatcagca cgttcttctt ctgagaactt gaaaatacaa 240  
 atggacccca tgttttttta agcattacct tttcttagaa gactgccatc atcttttata 300

<210> 218  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 218  
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 acacaagctc cagctgggct ggagagtcag gcttggtgca gggtgacttt ggcgaagttt 120  
 tgtcagatcc ataaagcaaa ctggaatttg agctttcact taccctagta tacgttctta 180  
 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240  
 gggaattttg tatgttttaa taattgtact gggttcata aagcttatct taaaaacttt 300

<210> 219  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 219  
 ggagatccag atattcttag acctgctgtt tgaacctgtg aggcatttca agaatggaga 60  
 gtgccattct gcagtcattc aagcagtaga agacttggat ttgtctaaag ttcttccttt 120  
 aggtcgtcag cacggtatct taaacagcct tgagatagta ttgaaaaaca ttagtcatct 180  
 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240  
 acacatcctt gaccaacgag aaaagatacg gctgagattt attaatecat tgaaaaa 297

<210> 220  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 220  
 gtggggtagg catgggggtg gacaggggtg acgggctcca cagagacagg atgggtggagg 60  
 gagttgtgtg cagttgaact tgatcctgta gttggttttg acctgggtgtg gtccctccat 120  
 gctgtggaag tgaaatgtga gggaacaggc ctgggggcag tgaggagac aggacaagcc 180  
 tttcatctaa aagggtggcac agagcttaag gccaggagg aaggtatgaa gaaaagggtga 240  
 ttgagaacta attaccaagg gaaactggca agacaactgg atgctgttaa tccgaatggg 300

<210> 221  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 221  
 taaagctgct gtgatggcca ccttctctt tccaggacgg gagtttaaaa ttacacatca 60  
 agagatgata aaaggaataa agaaatgtac ttccggaggg tattatagat atgatgatat 120  
 gttagtggta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180

tcatgcaatg aatgaatacc cagactcctg tgcagtactg gtcagacgtc atggagtata	240
tgtgtggggg gaaacatggg agaaggccaa aaccatgtgt gagtgttatg actatattatt	300

<210> 222  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 222	
gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg ccaccettct	60
ctttccagga cgggagttta aaattacaca tcaagagatg ataaaaggaa taaagaaatg	120
tacttccgga ggggtattata gatatgatga tatgttagtg gtaccatta ttgagaatac	180
acctgaggag aaagacctca aagatagaat ggctcatgca atgaatgaat acccagactc	240
ctgtgcagta ctggtcagac gtcatggagt atatgtgtgg ggggaaacat gggagaaggc	300

<210> 223  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

<400> 223	
attgggggact gacatcttaa gctctcacct ggctgcagta ggaaaggcca aactgacgac	60
aaaaaaaaaa ttctttataa agatgatatg gtaacatgta tctttgccct ggggtctgggt	120
gggtccagtc agtctcagat ttacaagcat ttatgagcct aggtaaaagc tgctaataatt	180
cttttaaaag cnnnnnnnnn nacttgcctg atagaaaact ctttccgggg gggnggattt	240
tataatanta cgtgngnnct naacanagtn a	271

<210> 224  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 224	
aagtctgttg ccattccatc tctgtgttaa cacttcatat ttttatgaaa ttcagataat	60
ttgtgagagg ctggcatgga tctaaggatt tattatTTTT attctagtec atcagttcag	120
tcgcagtttt tatactagga ctttaggatg tacataaatg tgtgactgtt tgtcttgatt	180
aaaagtgac tttggcctgg gcatgggtgg tcatgcctat aatcccagca ctttgggagg	240
ccaaggcggg tggctcactt gaggctagga gttcaagact agcgtggcca acatgaggaa	300

<210> 225  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 225	
gctcagcagg cagacgaatg aggaataaaag gtcagagaag gtcagagctg agtgacgttt	60
ggaatccacc ccgtttattg tagaactggg ggttcagagg gcagggtgct cagagttgag	120
gccacacagt gaggtctggt gggtgaaagg acccaggaac gaggcgttca ggaaagcagg	180
ttgtcagagc tatgtggagt ctgtgggtgg caggggcagc cgctccagcc tttgaagact	240
ttgaaagcca gagattcctg gcgcaggctt ggacttctct ggagctctc caagtaccca	300

<210> 226  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 226  
 gtggtttctt gcacatcttt ggagtagtta tgacttctca gtttttcccc ccttaaactg 60  
 cattgcctat tcttttttcc tgacatgcta tcaggatatca gtgtgttgaa tacatactgc 120  
 ttgtgtatca gacttacgtt actgtcatca ccattaaaag aattgcagct ttgtgccccca 180  
 tgaccttcag ctacagttgtt gactgtcatt catgaatgcc taaagcatac tgacaccagg 240  
 tataagtact tgaagatcaa gaactagtca ataaaacatg agcaacataa tggtaactat 300

<210> 227  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 227  
 acagggtcaa aattttcatt ctgcataagg taggtttagt ctttttcaaa acattctagt 60  
 aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatatt ttgagttcct 120  
 actgtttatt ttttcaataa aaactcaggt tctcagggtta gcagatcatg gtcttaggaa 180  
 ggtagctgta gaaccaaaat ataaattcct aagctttctac caattgggtc ttactgaaat 240  
 ggcaattgag agagaagtaa atctcttggt tttcaccata gttactttat gtttctcttc 300

<210> 228  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)... (300)  
 <223> n = A,T,C or G

<400> 228  
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 ccaggctgcc attattatct agaagcattg taaagccttt aaaataagga agcattatct 120  
 ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180  
 taccacagca gttatttgta tacagtctta ttacagaggc tttaaagtac gaaaggatat 240  
 tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acagggccaa 300

<210> 229  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 229  
 ggtgccatgg agttcaccat ctgcaagtcg gatatcgta caagagatga gttcctcaga 60  
 aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120  
 atcgccctcg ccaacattga agctgtggcc gccagaaca agcactgcct gctggaggct 180  
 gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240  
 cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag 300

<210> 230  
 <211> 300  
 <212> DNA

<213> Homo sapiens

<400> 230

aatccccacaa	agcctagcac	caaacttctt	ttttttcttcc	tttaattaga	tcataaataa	60
atgatcctgg	ggaaaaagca	tctgtcaaat	aggaaacatc	acaaaactga	gcactcttct	120
gtgcactagc	catagctggg	gacaaacaga	tggttgctca	gggacaaggt	gccttccaat	180
ggaaatgcga	agtagttgct	atagcaagaa	ttgggaactg	ggatataagt	cataatatta	240
attatgctgt	tatgtaaatg	attggtttct	aacattcctt	aagtgaatt	tgtgtagaac	300

<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

cacaaggaga	agaaagttaa	ttaacattga	aagatgagaa	gacatcttgg	aagaacttga	60
attgggcctt	ggaagaagaa	cagccattca	aatagataga	attgtggtag	caaaggcata	120
gaggtaggaa	agtatagatc	tccagggaca	gtagtcatgg	ggttggggca	ctgttggaat	180
ttaaggtttg	aaggatatat	tggagccctt	tgaatacggg	aacaaggcac	accttgggca	240
gtggagagtt	atcagagtgt	ttgaaaagga	gggttattga	gtaaataaat	agactggtac	300

<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

gttaaactgt	cagtattgga	tcttagaagt	aatgatttat	taggactgta	atagtaatta	60
ttaggactgt	aaaagtaaa	gattattatc	tgcattagat	atcattatat	ctaattgat	120
agagactgca	gacataacta	cagggtctct	tttcttaaat	cagaaaatcc	agattcaata	180
gaaatagggt	aaagtgatag	gaggacaaat	agccttccat	ccagtgggta	tcaactgacg	240
actacaagtc	ggcctcactt	gctttaatta	ttctattcta	tcctttgatg	ctgcttgaag	300

<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (273)

<223> n = A,T,C or G

<400> 233

ggcagctaga	gtcaggaaaa	tgaccctcat	atgcttttaa	tctttgtttc	agttgtctgt	60
cagggttgaa	ttaagaaget	actggtttat	tcccaattgt	tgatgccttt	aggatgtgtg	120
gaatcttttt	ttttgectag	gagggggccag	ttgaaaatct	gtgactcaag	aggcagtga	180
cagaatactg	ttttctgggg	aaaaattggg	tggctacttg	atgttaattn	nnnnncagta	240
acagganaag	gntgtgtctn	ngctattntg	nng			273

<210> 234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 234

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ccacctctca gacgtgagta aggaattgcc ctcccttgct cagtgggaca aggcttgaag    60
ctaattggag gaggtggaga gaaatttaga gggggctctg gttagggtag ccataaaaat    120
agagatgctt gggatgttct gagcaaagga gccagaatgc agagaacagg accacagccc    180
tagtagctag ggggggagtt tgagatgcag cctgggggtg cctgacctaa tttcagagac    240
ttaagggcca gtgtcagtga cagggtcagc aggggtgggt gagaatctgc ttaaggctag    300

```

```

<210> 235
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 235
ccttccacgg ttatttcaca gatatggaga gctggaagca gggagtgagt ctctgagtgt    60
tggaattgta agggatcaga agcagggatc agaagcagtg gtgaagtcca tccaccataa    120
aacacacagg tgactttgcc ttgaatctgc aggactgaag ccaactcttg ggcacagacc    180
cttagtcctt tccttgacca ctctaagtca gatagtccag agccaggccc tttgggatgt    240
gacaccgaga taaatcagag aaaagctgtg aagcttgggg aacagaggga cttttggtga    300

```

```

<210> 236
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 236
cagtggagatt cctcttctgg tattaccttt gcttcattgc tgaatcttct ccaatatcat    60
cttctaaaaa gagcctttta aaatcacctt ttctattatg cctactcat ttccagtccc    120
tgaattgccc attccccact tcatagcact tattgctatc tgaaattaca ctaaatgtca    180
ccttcattgat ggtaggcaat ttattgcctt tgtcactgtt atgtctagag aacaagcagc    240
tggtccatag taggcactca acaaatattt gttcaatgaa gaatttataa atgaatgcct    300

```

```

<210> 237
<211> 274
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

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<400> 237
ctgggctgca tctggccctg gctggaggcc ttgctttgag gggctgagac cctcttcccc    60
caggccctcc ccagccgacg acagccaccg gagaggagat cggaacacga ttgnnnnnnn    120
tgcagggcgc tgggcggaac naatccncaa ggactctgan atnnncctt gnnantnncn    180
angngannna nnananannn ntatacatan anccnnanac ccnaannaca nacannnggc    240
anancnannn nancannnnn aannagnnna nnna                                274

```

```

<210> 238
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 238
tgtcaccttc tcccacagcc atttccaccc atcgttgtct agaatctctt tcattagcac    60
attccaaccc ctctgccact tggtttagaa atgagctccc tggctcagtg ggcctttcag    120
aatctggaac cagacggagg tggagttaag aagataggac agaacaggca ggcccagggtg    180

```

ctatgggtcc actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240  
 tttagecatt attcttttcg ttttaagaga catgggtctca ctctgtcacc caggctggaa 300

<210> 239

<211> 300

<212> DNA

<213> Homo sapiens

<400> 239

caggattggt cattttgtct tttgtttgtt ttggggaaca gggtcaaaat tttcattctg 60  
 cataaggtag gtttagtctt tttcaaaaca ttctagtagg caagtctgta gctgaatctt 120  
 ggaagaaagg caaccatagt aatatttttg agttcctact gtttattttt tcaataaaaa 180  
 ctcaggttct caggtttagc gatcatgggc ttaggaaggt agctgtagaa ccaaaatata 240  
 aattcctaag cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaadc 300

<210> 240

<211> 300

<212> DNA

<213> Homo sapiens

<400> 240

gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tggtgatttt 60  
 ggataaagag caccgcccag tggagaaatt cgtctttgag atcaccacgc ctccactgct 120  
 gtccatcagc tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcacact 180  
 gaagatcagc gtgtgcgatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240  
 cctggtgcac acgagagaag ccgccactcg caacatggag aagatccagg tcatcaagga 300

<210> 241

<211> 300

<212> DNA

<213> Homo sapiens

<400> 241

gggatgaata ttttaaggtga agcaaagtag ctgtgggtac ttggggccaa aagcttccca 60  
 gatgctcctg ctctaagcac atgatgtttt ttggggaaag tggtagcagg tagaggggtg 120  
 cagaaagtgt gagaagcact tgttgtaggt gaccagaca tgcctcttga attgaattcg 180  
 gtgatctgct tcttcagctg ctttcttgct cctgcccagc aggatgccag gaaacacata 240  
 gccctgtaga aaatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242

<211> 300

<212> DNA

<213> Homo sapiens

<400> 242

aatgaagtc cttgagccag aaaaggatc cagccccact gttaagtgat gattgtgtgc 60  
 taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120  
 gtccaaagaa tgccagtagt ctttggggac ttttcagagg tgcttggctt gaatcaattt 180  
 ctagatccca aagcagagtc ttcatgcaca ttttgcggt gtagtgtaca gcaaatggct 240  
 cttggctagg tttagaatgc tgcttttacc attctctgta cctgaccagc tttgagtctc 300

<210> 243

<211> 300

<212> DNA

<213> Homo sapiens

&lt;400&gt; 243

agaacgttct	caggttgacc	agctgetgaa	tattttcttta	agggaggaag	aacttagtaa	60
gtcattgcag	tgcattggata	acaatcttct	gcaagcccgt	gcagcccttc	agacagctta	120
tgtggaagtt	cagaggctac	ttatgtctca	gcagcagata	actatggaga	tgagtgcact	180
gaggacccat	agaatacaga	ttctacaggg	attacaagaa	acatatgaac	cttctgagca	240
cccaggtttg	gcatagaaat	ggtacccctt	gttcaaaatg	aacaagaagc	cttagatttg	300

&lt;210&gt; 244

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 244

ctccagtata	acctcatctg	tatccgcagc	aaccgtttac	caataaggtc	acattctgag	60
gtactagagg	ttgggacttc	aacatcgga	tttgaaaggg	acagcattca	gccccatgact	120
ccagataaac	gtgaggtatg	ctatatcatt	cctaatttac	agatgagtc	atacaaactt	180
gagtgaagctt	gtcacaatt	ccatcaaagg	cagggttcag	acccaagttt	cagcatttag	240
ggcaggtgtc	ctctgcatgg	aagaaccata	ctcaatagcc	gtaaacgctg	acaaattccc	300

&lt;210&gt; 245

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 245

gctgtctggg	tectacattc	actactttca	ctgcctaaga	atcctggacc	ttctcaaagg	60
cacagaggcc	tcacgaaga	atatttttgg	ccgatactct	tcacagcgga	tgaaggattg	120
gcaggagatt	atagctctgt	atgagaagga	caacacctac	ttagtggaa	tctctagcct	180
cctggttcgg	aatgtcaact	atgagatccc	ctcactgaag	aagcagattg	ccaagtgcc	240
gcagctgcag	caagaataca	gccgcaagga	ggaggagtg	caggcagggg	ctgccgagat	300

&lt;210&gt; 246

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 246

tggtgtctca	ccactccatt	ggcctgcctg	cgcgcgaatt	cccttcgggtg	ggccccgggtt	60
ggctgcaggc	tgaggtctat	tccactgacc	acccctctcg	gtgccgcccc	cagtgatcct	120
gggtgcagcc	tcgttgcgcc	tgcgcaacct	taagaacaag	attgagaaca	agatcgagag	180
cattgggtctc	aagcggacgc	caatgggcct	gctactagag	gcactgggac	aagagcagga	240
ggctggatcc	taggcccttg	ggatctgtac	ccaggacctg	gagaatacca	ccccaccccc	300

&lt;210&gt; 247

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 247

agaaaaacaa	cagagagaaa	aagaataacct	gagatatgta	gaagctttac	gagcccaaat	60
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggtcctga	120
tttttgggat	gtcactcctg	atacctgtgc	caacaactgt	atcttctata	aaaaccacag	180
agcatatact	cgggcactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	240
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	300

&lt;210&gt; 248



<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 248  
 ccaccttggc ctctcaaagt gctgggatta caagcgtgag ccaactgtgcc cggccagaag 60  
 gagtggttttg agaattggcta agagaagata gggttgaatag ctatgcctac atgtcactaa 120  
 ttaacatctc agagatctct gctacagggt gtcgtcctca ttttgtctaa tttttttcca 180  
 atggcatgag tataggaaga taaacgggga atgttttgaa gtaataaaaa aattccatcc 240  
 ataaagaaga acaacatgta ttaagctttg tgcaccaaac aacacaacag gaagacacat 300

<210> 249  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 249  
 tgttactggt gcccatatag atgtggataa acaaaaagat aagaatggcg agagaatgat 60  
 cacaataagg ggtggcacag aatcagcaag atatgcagtt caactaatca atgcactcat 120  
 tcaagatcct gctaaggaac tggaagactt gattcctaaa aatcatataa gaacacctgc 180  
 cagcaccaaa tcaattcatg ctaactttct atctggagta ggtaccacag cagcttccag 240  
 taaaaatgca tttcctttgg gtgctccaac tcttgtaact tcacaggcaa caacggttatc 300

<210> 250  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 250  
 ggggccgctg ctcaagttcc agatttgtgt ttcttgaggt tataggcggg tgtttgagga 60  
 gtacatgcgg gttattagcc agcggtagcc agacatccgc attgaaggag agaattacct 120  
 ccctcaacca atatatagac acatagcatc tttcctgtca gtcttcaaac tagtattaat 180  
 aggttaata attgttggca aggatccttt tgctttcttt ggcattgcaag ctcttagcat 240  
 ctggcagtggt ggccaagaaa ataaggttta tgcattgtat atggttttct tcttgagcaa 300

<210> 251  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 251  
 tgaagaggag atcggtgacc tgggctcctt atgtgcctga aagagtttga gtttctgtt 60  
 aactccaaat caacagtatt ttcaacaaga aatgtgcaat tgaaatcaag tgctgtttaa 120  
 gtgcagctag gatttccaca ggaagacact tgcagtgaac agagttatgg agcagcaaaa 180  
 acacagatct atttggaaaa agagaaaaca tatgcgttgt attttgcttc aattataaaa 240  
 taccatcctc tcaaagggtg ttctaaatta caaaggactt tgatttctag gtagattctg 300

<210> 252  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 252  
 gaacaaagaa ggaatgtctt cctcatgttt gggctctatag aagacgttaa agaaaacttc 60  
 cagaaagtgg gtttgaggca tgagccacca cgcctggcca aaggatttaa tgaattaatg 120  
 gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgcatca 180

aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actcgggect 240  
gagtgacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 253  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 253  
gaacaaagaa ggaatgtctt cctcatgttt ggggtctatag aagacgttaa agaaaacttc 60  
aagaaagtgg gtttgaggca tgagccacca cgctggcca aaggatttaa tgaattaatg 120  
gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgccaatca 180  
aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actcgggect 240  
gagtgacaga gtgagactct gtctcacaaa aaaaataatg ccctttaaat aatgaataat 300

<210> 254  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 254  
gttacoccttc agataaagaa gggaagaagc ctaaaggaca gtcaaagaag cagcccagtg 60  
gaaccacaaa aaggccaatt tcagatgatg actgtccaag tgccctccaa gtgtacaaag 120  
catcagattc agcagaagca attgaggctt ttcaactaac tctcaacag caacatctca 180  
tcagagaaga ttgtcaaaac cagaagctgt gggatgaagt gctttcacat cttgtggaag 240  
gaccaaattt tctgaaaaaa ttggaacaat cttttatgtg cgtttgctgt caggagctag 300

<210> 255  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 255  
gggctcttgt cattttctcg ctctgtggca ctgttcagag gatatcacgg gccctttgat 60  
ttgtatccag aattttaccg aattgtctaca gacccaacca tccacactgt ccagaaaggc 120  
agacctgtga atgtctgagt gggaaaagag tggatcgat ttcccagcag ctctcttctt 180  
cctgacaatt ggcagcttca gttcattcca tcagagttca gaggtcagtt accaaaacct 240  
tttgacagaag gacctctggc caccoggatt gttcctactg acatgaatga ccagaatcta 300

<210> 256  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 256  
gcttttgaaa ttattagata taccctattc ccttcctccc atttttttcc tgetagtga 60  
aaaggtagat gagtaggaag attaggactc ctgagttgcc catgatttca tctaattttt 120  
ggattcagaa tgtattttat gaataatatg cagagatgca tattaggaat gtgaagccag 180  
aatgggtcag ttgtagctgc tgcaaagttc tgtagctgat ggtcatttaa ttgcatgggg 240  
gttattttat ctttcatgat tgtggtgcac ctgatgctgg cggggatttg tgtgtttttg 300

<210> 257  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 257

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gccagggtgta ttaggatctt ttagatgtag tttaatgaag agtttatggc ttaaagtgag      60
acagtattac  ttcagagctc agcttctctc cttggatttt ctctcagcaa atggggagaag      120
taacgtctgc  ccttcggagt tgttacaagg agacaagata aacacagggc ccaagtgcct      180
ggtaaagtgt  aagtgcgtgt attagagtca ggtgttctag tcacaggtcc tcaacagata      240
cagctttggc  agtaggaggt gcagctgacc tgagctgttt ttaaattaaa attaaagcca      300

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&lt;210&gt; 258

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 258

```

atgtgatgct acaaagagct ttgttgaatc ttcagaaaac aaaatctgaa gggcagagcg      60
aaggaaatgct ggcatttttg aaaccctttt gaggcttatg ttgtcatggt cataattcag      120
ccgatagaga aaaaaccgag aaactgtaga ataggctatc caactccac atggggagat      180
acagctacag ataatgttct caggaccctt tgtctttagg tgcagtaaat gatctgcatt      240
ttagagaggt ggaagagtat cccattctt gcctgttgca actgtggatc ccagtcgcca      300

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&lt;210&gt; 259

&lt;211&gt; 291

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 259

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ctacacagtt cccattcatt accttaacat tgtactgaga gagaccaggt tctgacctgt      60
atagcagttt gagtcgaggg gctgtcaaag ggggttgcaa agtcactctaa aggacttggc      120
aacagaagta gcattatgac ttggatccac ttctttatag accaatattg gcagccatga      180
aggctggctt gtctctgggt cggaattcag ttttagtggt tgaatgcaca gacagcagga      240
agagagaata ggggacaatg aacaacagag agagaagaaa tgcagtgtgt a                291

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&lt;210&gt; 260

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 260

```

tgtacttatt cttgattgcc acgtctcatt tggattcccc agactctgat tagaggcact      60
gccaccagga gagattttat ctaaccaata gtacttcag gaagatcctc acccttgtac      120
tttcaagaag cacttgtaat taatgttcag ctctctgaac actgagtggc acttgaaaat      180
ctctgtgggt tatagcctta caaaagctac tctggagggt gaggcaggag aatcgcttga      240
acctggggagg cagaggttgc agtgagccga gatcacgccg ttgcactcca gcctggggcga      300

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&lt;210&gt; 261

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 261

```

ccggacgcag gccctcgggc aggagcatct ggcagagtgg ggggcgtggc aggcaccctc      60
ctttgcaggg cgaggtgggg cctctgcagc catcctggac aggccggggg ggcggcagct      120
ttgcccacgt ggaagcgggg tgggtctcac ttgcgtgggt gccctggcc ccatcttgcc      180
tgetgcggcc tggggagcag gcgctgggtg gtggttctgc ctgcttgetg ctggttcccc      240
gggcatgcgt gggcagcggg gggcatgcgt gggcagcagg gggccgtggg cagcgggggc      300

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&lt;210&gt; 262

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 262  
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 tttaaataccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120  
 cctaaaaacc ctgagcactt tgtggtgtgc aacagatcaa acacggtggt catcatgaac 180  
 atgcaggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240  
 tgctgtgcc tctctccccg tggatgaatg atctactgtg taggggagga ctttgtgtct 300

<210> 263  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 263  
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 cacaaagcat atttaaaagg ctcttggcac gggcagcatt ggttgagcag gtaggtttgg 120  
 ctagggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180  
 cagctattcc agagtctgtg tcagctgagt ctggaacata tgaagtgagg tttacttcta 240  
 agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 264  
 gctcttgggt tttatgtccg ctgcttcttg gttgccgaga cagagagatg gtggtctcgg 60  
 gccagccct cctctccccg cctcttggga ggaggaggtc acacgctgat gggcactgga 120  
 gaggccagaa gagactcaga ggagcgggct gccttccgcc tggggctccc tgtgacctct 180  
 cagtcctctg gcccgccag ccaccgtccc cagcacccaa gcatgcaatt gcctgtcccc 240  
 cccggccagc ctccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 265  
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 aaaaacagct ttgtcctggg tgaaaaagga tgccaaaatt gcctggaaaa gagcagtga 120  
 aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttaacattc actgggtctg 180  
 caaaaaatgt ggatttgtgg tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240  
 tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgatcaca 300

<210> 266  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 266  
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 gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120  
 aattaacatg agctgtagaa ttaaggtttg tatggcatga taagtataaa ccagttttgg 180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc 240  
 taattcttga ttgtagaaca aattttccta tgaaaaccat gttgtgtatt ttatatctct 300

<210> 267  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 267  
 gatctctata ctagtgaaca gtgccagttc cacactttgg acttagaact gttctctagt 60  
 tattgtaaca cagaatactg tcaatcccta atttacttaa tgttacttat tgggaagtggg 120  
 gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gccccagtgt 180  
 ataaggagat catattccaa aagggtgtca gttgggtgtt tgcaacctgg aatgtatttt 240  
 cctttagaga ccaggttatc catggtgggt aggccctag agcagctgga aaagatgatc 300

<210> 268  
 <211> 276  
 <212> DNA  
 <213> Homo sapiens

<400> 268  
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 tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct 120  
 ttggagagta agaaaatcaa tcttggctgg gcacgggtggc tctgctgt gatcctagca 180  
 ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctgggca 240  
 acataacaag acctgtctc tacaaaaaaa aaaaaa 276

<210> 269  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 269  
 gctgccacca cccccgggccc cagcctgtct gaaagttcag ggtttagggc gagaaaccgc 60  
 gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120  
 gtttggggcg ggacgggagc cgcctgtgtg actggcggtg tctggctgct gctcccgaac 180  
 ggaggggtcg ggggttgctt gctgggacct cagagcccag tgggtggctc tgactcggct 240  
 cctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300

<210> 270  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A, T, C or G

<400> 270  
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 aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa 120  
 aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta 180  
 aatggaactg aaggagggga agagctgect tcgctggta caaagcacac atgtgtatac 240  
 acatgggtca agcagtgctg gtctgtggct gcctgtccag aggaatggaa atatcctttg 300

<210> 271  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 271  
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60  
 attctttggt actaaggaat cattgaagat tttaaaatta gggtgacat aatcagattt 120  
 gagtttgga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180  
 gctggtattt tctaagcagt agacaaagg ttacactgac aatagctgtg gagatagaga 240  
 aaagctgcga gatttcagag ttttccaagg tgtaaacac taaattttgt gatcaaatg 300

<210> 272  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 272  
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60  
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120  
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180  
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggt atattctgtg 240  
 tcatttttct tcatgggaga aacagccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 273  
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 ataaagaagt atctcattgg acctatttat cgggaagctgc acatggaaaag caaggggaac 120  
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggtcacggag 180  
 ctgctggacg tctccatgga gctgggctgt ttcttggtg gagcgctcgt ctctctcag 240  
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaaac ccatccgcga ctctctggcc 300

<210> 274  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 274  
 ccacgactca tttgtttcat tcacattcct caogtgcaac aacataatta tattttaaga 60  
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120  
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180  
 ccagggccca gagcatgagc cagggaggag gatgttttct ttcttttctc tatttttccc 240  
 taaattgtgc aaacataggt gagtctctta acctttctgt gcctcagttt ttctacctct 300

<210> 275  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 275

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aaatgtggct	ttgngcatca	aaatatgttg	tctagtataa	agttgatatt	cagtagaaca	120
aggatcatgt	aaataaacat	ctatttcaca	tgtacccaaa	agcatttaaa	aagcagaatc	180
cagggcccag	agcatgagcc	agggaggagg	atgtttttct	tcttttctct	atttttcctt	240
aaattgtgca	aacatagggt	agtctcttaa	cctttctgtg	cctcagtttt	tctacctcta	300

<210> 276

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (263)

<223> n = A,T,C or G

<400> 276

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgaa	atagctacag	ttctataggt	120
taattttaaag	cctccttttt	ctactcattt	ttgaaaccaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagnnnnnnn	tntttggngc	tctgaaaatg	240
ntnangnnnn	ntntntnnnn	ttt				263

<210> 277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 277

tcactacact	taaaaaataca	agggacatgt	taggcaatca	gatgctttgt	agaaactgag	60
ctatttgctg	gcctggcgcg	gtggcccaca	cctgtaatcc	cagcactttg	ggaggccgag	120
gcagtggctc	acgaagtcaa	gagttcaaga	gcaacctggc	caagatgggtg	aaacctgtc	180
tctactaaaa	atacaaaaat	tagctgagca	tggtgggtggg	tgcttgaggc	tgaagcagag	240
aattgcttga	atttcaggag	gcggagggtta	ccgtgagcca	agatcgcgtc	acagccctcc	300

<210> 278

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 278

cctgtctcta	ctaaaaataa	aaaaatgacc	tgggcatggt	ggtggggcgcc	tgtagtccca	60
gctactcggg	gcgctgaggc	aggagaatcg	ctcgaaccca	ggagggtggag	gttgcaagtga	120
gccgaggttg	cacaattgca	ctccagcctg	gcgacagagc	gagactcgtc	tcaaaaaaaaa	180
aannnnnnnn	nngggnaanc	ntnnnantgg	ggnnnccact	tgcnttttgc	cnggnnnncc	240
cangttntnc	ctngttttcc	nggnatttta	ncccccttcc	atttttgana	aaagac	296

<210> 279

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 279  
 ctggctcaga tgtgggatgt gtatggaaga atataaatga tgggtgtggat gtcaggggtga 60  
 gggaggagac aaaaccacga tgacccttag ctttgtggcc tgaactgtgg gtggctgagg 120  
 ggatcggttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180  
 acatgagatg cccttcagac atctcttcac tcaggtccaa ctagggatac agaaacactg 240  
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 280  
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 gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180  
 actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240  
 tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 281  
 atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaata 60  
 ctgagctgtt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120  
 tttctgagtc ctgtctcctc tgtagcacag tggggattgt tctgaaccgt ggcacgcctt 180  
 cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240  
 ctgtccccta aatgtgtgtt cccaggtgca gtgcagcaag ggtgctcgtt gttggccttt 300

<210> 282  
 <211> 261  
 <212> DNA  
 <213> Homo sapiens

<400> 282  
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 tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120  
 cttgcctttc ccaggcagaa gtggccagtg tttgggttga aaggatccag gaacatccag 180  
 ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240  
 aggtgggaga ggtgtgggag g 261

<210> 283  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 283  
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 gcagagctgc ttggatgtgt gagtcatgaa gccagagaag ccccgctcca tgagcagtga 120  
 ctccccaggc cctgtgacct cctcctgtc ttgcagctcc tcttggcacc agtccccagg 180



gctctcctgt tggtagttcc tgccttttctt cttggaaatt cctcgtggac ctcgagatct 240  
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<210> 284  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 284  
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 actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca ggatttctgt 120  
 tccagaaagt tggaaaactt gcagcaactg cagtaggtgg tggctttctt cttcttcaga 180  
 ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata 240  
 aagcaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa 300

<210> 285  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 285  
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 catgtccaga tcagcaatga gtcggcaatt gacttctaca ggaagtttgg ctttgagatt 120  
 attgagacaa agaagaacta ctataagagg atagagcccg cagatgctca tgtgctgcag 180  
 aaaaacctca aagttccttc tggtcagaat gcagatgtgc aaaagacaga caactgaaca 240  
 aattacaaat gaactttctt gcacttgctt gtcgccaaat aaaagagagg cccattgatt 300

<210> 286  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 286  
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 atctgcatgt ccagatcagc aatgagtcgg caattgactt ctacaggaag tttggctttg 120  
 agattattga gacaaagaag aactactata agaggataga gcccgagat gctcatgtgc 180  
 tgcagaaaaa cctcaaagtt ccttctgggtc agaatgcaga tgtgcaaaaag acagacaact 240  
 gaacaaatta caaatgaact ttcttgcaact tgcttgctgc caaataaaaag agaggcccat 300

<210> 287  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 287  
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 ctggtttttc agttgctggg ggctacagac cctctctcta gaaagatgga catgtgaaca 180  
 taagcactgc attttgcaca caatttcctg gggttcagaaa ccacctgaac ttttctctt 240  
 agaggacctt gcttaaacac ttccattcta ggggtgtccag cccattaaga tggccaagaa 300

<210> 288  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 288

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gtccctggtaa	tttgagaaaa	gggtagcccc	ttgggtatgga	tagtagcttg	atgacatgga	120
attcaggggaa	aagactatga	tggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcactttgg	240
gaggccaaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

&lt;210&gt; 289

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 289

ttactgactg	caacaacttc	agattatacc	tcttctactc	caagtgcctt	caaagaaaagt	60
cctctgccaa	gacaaaattca	ttacgttttt	tcctctacc	tgtttgctt	tattctcttt	120
tgtatttcat	cttctcatct	agattgaata	atctttgaga	gcacagatgt	ttatttatat	180
ttttcttttc	catttctact	cagcatgagg	tgtccattga	acaaacttga	tgaattttta	240
ttgcttaata	tcttgctaga	ggtggggaga	gaggttgggg	gcggttaagg	aactatcagc	300

&lt;210&gt; 290

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 290

ccactgcgtc	cctttgcgtt	cagccctcc	tctggctttc	agttacacca	agctaaaatt	60
tcagggtccc	agctgcagct	ctctgggtcc	cccgttgccc	cagtggggct	ccccgcctct	120
gaatgtgtgg	tccttggggg	tgggcacttg	ggggcatcct	ggtcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	acccaccctg	300

&lt;210&gt; 291

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 291

aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacatttttag	ataactgtga	agatagttta	tttttattcc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nnttnttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

&lt;210&gt; 292

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 292

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccgggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctggt	tgcgcgccct	tggagcacc	120

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acagaggcgg cccctgctgg caggetatgc cctgggtgtg ggactcttcc tgcttctgct 180
ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240
ggcaggggac tcagaggctc cctgtgctc ctgacctatg ctcttgata cgctatgaac 300

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<210> 293
<211> 289
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

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<400> 293
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cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag 120
tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag 180
ggccttacc tgcccccctg cctcctggg ggcaccacca gctcctcaag caccctggcc 240
cgaaaggagg ctggggggcg gcggaagcga nnnnnnttg ngacatttg 289

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<210> 294
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 294
cagagctgtg atctgcccc aggtattctg acccccaaac tggetctcaa ccatgtttac 60
atgatgaaaa gaagaggtga ctgttgatc agctctaaag gcctcacttt tggtgaaatg 120
ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat 180
aattttaata ctattgaact ttcaccataa cctgtccta taaagttgac ttgcaaatga 240
agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag 300

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<210> 295
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 295
ctttccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag 60
ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt 120
aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt 180
ttttcttgtt ttgatagaaa tggaaattaag caaaagtagt ttttgtcttt tctgttgctc 240
tcaaattcca tgccttttat ttttaattta atcccgttca aatacttaat tgttatacat 300

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<210> 296
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 296
gttttgttct cttctttgac tattaaaaag ctcaagtcca aatatttcta acatattggc 60
agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta 120
tctatatatta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta 180
aagggttgaga ccaagccaga gacagctggc caaagtagct gggtcaggga tataacctgc 240
aagttgccaa cccagcgcac tcttctcacc cttcttccac cctacgaaag gccatatctt 300

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<210> 297  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 297  
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 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120  
 gtactacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180  
 aaatgttgta tatgtctttt acccggcaca ttccccttgc ctaaatacaa gggctggagt 240  
 ctgcacggga cctattagag tattttccac aatgatgatg atttcagcag ggatgacgtc 300

<210> 298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 298  
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 tttctataat ctgttcatat tatattctgg gtatatgtgg gtggtgtgat tatccatgtg 180  
 gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc 240  
 attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaaa aaaaactaat 300

<210> 299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 299  
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 gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta 120  
 tttttccagg gagcaaatga gaagggtggg tgcacgagcc ttttctgtaa cagttggagc 180  
 cgtgtccagg tggaggtgcc aatacagaat caggattggg gggcacacgg agaaacaggc 240  
 tatggccctt gagggctgaa cccccaggg tgaggggtgca gatgctgccc ctgcttcggt 300

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 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 300  
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 acctgctaca tctgattcaa atgcgggaaa aaataccatg tgtgcataat gaaaaatcat 120  
 tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaaat 180  
 gtatccaagg ttagagattc gggagctggc caacatctta caccctaat gactgaagca 240  
 tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg 300

<210> 301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 301  
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 aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga 120

cgcattggct	tttttttct	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctgtt	gtcttcaa	tttatgcctt	ttatttttaa	tttaatcccg	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 302						
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tgatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccagtga	agaatgagta	taaaggatgg	gttttaacta	cagaccag	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaggg	gaagctgatg	300

<210> 303  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 303						
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cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtgg	cagggtttga	cgtctgatct	240
tgttcgtcag	atccccttgc	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 304						
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cattttattta	tatttaggttt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttggccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagtatatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttatactt	ttctgaataa	aatagttgtt	tcctaattaa	aaagtagcca	300

<210> 305  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 305						
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gatctgaaca	ctaaacattg	ctaagaaacc	caccaccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagtct	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaaa	300

<210> 306  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 306  
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 atttacatta actttaaaat atttgtatgc caaacactag ttattttgag gggatcgaaa 120  
 caaatcatag cagagataag gaactttcat actttgggag gatttttttt aaataactgt 180  
 atgtttactc taagtagata tgtgtatgca tgcattcact tatgatatgc acannnnnnn 240  
 nnnnnnacac acacacacac acacacacag aaatttatgn ngcctttaan aatcttgga 300

<210> 307  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 307  
 agaggggtgg gtctggccac ataggtacct ctgtggctct ggtctggggg tagacactgt 60  
 tagggactag cattttattg acttgtaaag acagcacctc agaattagta actacttgca 120  
 ttttagggtc tgttttatga agccaacaag tgaatgtaa ataggctctg catcttttct 180  
 gagagccctg tcaactgggca gtgagcattt ccaaaattgc agctctgtca gaatgaacca 240  
 tgaatactta agaaagggaa agtaggaaca gggagcagag caaagcataa cttgctgtgt 300

<210> 308  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 308  
 cttctgttga ttggtttgtt taaagtacct aagtactacc ctttgactcc ctacaaaaag 60  
 ttcttttgtt ttttaaacaa cttttatttg tgacttactt tcttgagaag tgttcttaat 120  
 gaattgcata aaatagtggg agcagcttat ttcttaagta ctttattatt tgtgctttac 180  
 catttcaggt tcttatcttt aacccttatt tactcagttt tccatctgaa tgatcctatc 240  
 tctaaattaa ggatttaata aatgctgcaa attgtccact ttgcaaattg tccaaaagct 300

<210> 309  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 309  
 ggctcagagg ggttatgatt cggaggggtc tgccgcacgg catgggccgg ggctcttga 60  
 cccggaggcc aaggcacgcg cagaggaggc ttttctctgg gtaaagttag ggacgacaga 120  
 gggattgtg gttctgggtt gtccccaacc tccgactgtg tgtccttcag gacccgaaac 180  
 catggccac actggcagga cagtgggtcg gcttggggaa gggggttagc ttacctacca 240  
 gagctttag gggctgtgca ggtgtatggc tccaaggcg gcccttttca ggtggcaggt 300

<210> 310  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 310  
 gggaccagaa catgaccggc tgggacctaca aaaagatcga gctggaggat ctcaggtttc 60  
 ctctgggtctg tggggagggc aaaaaggctc ggggtgatggc caccattggg gtgacccgag 120

gcttgggaga	ccacagcctt	aagggtctgca	gttccaccct	gcccatacaag	ccctttctct	180
cctgtctccc	tgaggtagca	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcc	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

&lt;210&gt; 311

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 311

acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcatcttc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttccgtgca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	cccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

&lt;210&gt; 312

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 312

aaagaatcca	atttttagagc	tgctaaaaaa	ctctttggaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttggtgc	ttctaataca	120
ccgattgcag	ctccatgggtg	caatgtatgg	aagtggaaac	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaag	cagcaatata	tcacagtcac	agaaaaaagg	acagcaatcc	300

&lt;210&gt; 313

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 313

gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatgggtg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggtttttagt	ttaatggaca	300

&lt;210&gt; 314

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 314

ggcggaggag	cagaagctca	agctggagcg	gctcatgaag	aaccgggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tcgacctccc	ccagaatttg	tccgagatgt	120
catgggttca	agtgtctggg	ccggcagtgg	agagtccac	gtgtacagac	atctgcgccg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

&lt;210&gt; 315

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 315

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccccaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gccccatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

&lt;210&gt; 316

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 316

gacctatctt	gatctggata	gtaaagtggg	gactttaaaa	aaggttatta	aattactggg	60
agaaatcatg	gagcacagat	tcaagacata	tcaacaattt	agaagggtgt	tgactttacg	120
atgcaaatta	tactttgaca	acttactatc	tcagcgggcc	tattgtggaa	aaatgaattt	180
tgaccacaag	aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	240
tttcaatgac	atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	300

&lt;210&gt; 317

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 317

gattgtgaca	tggtgtaata	aaggatataca	tggtgtaata	aaggatataca	tggtgtaata	60
aaggatgtgg	gagcacaat	ccataggaat	ttgagagttt	aggaattgta	tttattattc	120
agggccttca	ctctcagact	accctgctct	atttgaataa	tgaggcttgt	ggtggtctgt	180
ggaaaagtgg	acagagtaga	atttgggcag	ctgctgaagg	tttggctctc	ggaatgagtc	240
cacgttacct	taaggacagt	aatcccaaat	tgagacaaaa	actttaagaa	aaccaatgtt	300

&lt;210&gt; 318

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 318

ggggtcttgg	atggcttttc	caccgtccct	gagactgggg	ttgaggggac	tgacgggggc	60
caccaccgcc	ccgccctcca	gcgcctcctc	ccaggggtggc	tgggcctcct	gttctcaggg	120
atcacannnn	nnnnnggggn	ccaacccctt	ccggaaccaa	ggtgcangct	tangnctgcg	180
gctttctggn	tgtgtgctgg	cttctgggct	tcancctcct	gccccagccg	tccttgccan	240
ggcacannng	accatggggg	ctgggagtc	catnanagca	gtgangtggc	cccgccct	298

&lt;210&gt; 319

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (277)



&lt;223&gt; n = A,T,C or G

&lt;400&gt; 319

agaggggtggg	gtctggccac	ataggtacct	ctgtggctct	ggtctggggg	tagacactgt	60
tagggactag	cattttattg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttaggggc	tgttttatga	anccaacang	tgantgtaaa	atangctctg	catcttttct	180
gagagccctg	tcaactgnan	tnnagcattc	ncnanattcg	natctctgnc	ntnatgtant	240
atgnctacnt	ttnanttntt	ttgtttcccc	nttttct			277

&lt;210&gt; 320

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 320

aacgttcccc	cgctacatag	tctttctttt	gtgttattta	gtttaccatt	tcttttttcc	60
atcttgttat	aacctccacg	agttgtgtct	cttttgtttt	ctacattata	cccaacggct	120
agcacataac	aggcacccaa	tatatactga	acgaactaag	gaatgaatga	aggaatgaat	180
gaataggtgg	cttataggaa	acccctgggg	ccagggactc	tgcaacatca	ccatgtaact	240
ttttctttgt	gctgagaagc	agagagaaac	aatagaagat	atctcttaat	ctctcaagga	300

&lt;210&gt; 321

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 321

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tgaagcagcc	aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	120
ggaaaagccg	gggggcaagg	ctggcatggg	aatgaacacc	tgctgggtgac	acctctctga	180
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tcccagcact	ttgggaggct	gaggcgggtg	gatcatgagg	tcaggagatc	aagaccaccc	300

&lt;210&gt; 322

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 322

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cccaggtgaa	agggatctca	gtggaagaag	ttatagaagt	gacgacacag	aatgcattaa	120
aactgtttcc	taagctccga	cacttgctcc	agaaatagct	tcaaaacat	ccattacaaa	180
atcgaatcaa	ctgcaggggc	cagcatttga	aacatagaaa	tgttctgatg	aagaatctga	240
actgaagaag	ctgttttata	gggttataga	agattgtaat	tgtagagaaa	tatttctctt	300

&lt;210&gt; 323

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 323

gtgatctgcc	tgccttggtc	tcccaaagtg	ctgggaatac	aggcatgagc	caccgcactc	60
ggccaggagc	tagttttatc	agcactcctc	tccactgcct	tcctctagtg	cagcctggaa	120
gacatggcag	cgggtagctc	ctggggctga	gccagaagca	tcaactgcagt	gaaagtctct	180
gcttacctgt	ctggctcagc	ttgggcaagg	gctgggccat	atgtgctcag	ggacgtgctt	240
ctcttgtaag	gcaggaggat	agaagaggac	caagaaggga	gggagctgcc	ctgtggtgca	300

<210> 324  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 324  
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 gtcagaaaat gggatattgg agttttaaagt atcaaataca gaatagttcc agatgttcag 120  
 aqatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180  
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240  
 ataataaagg accatgagac tagcctgtta taggggttat ccccatgaac attgaatttt 300

<210> 325  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 325  
 ttcgagtgc agetcccat ctttctaaag tttccatggc aatacagcta actgaagaac 60  
 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggtt gccagactc 120  
 tcaagaaagg agaagttttt ttgtatgaaa ttggaggaaa tattggggaa ccttgccttg 180  
 atgatgacac ttacatgaag gatttatatc agcttaacct aaatgctgag tgggttataa 240  
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 326  
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt atacagacat ttttttttta acttgttgat 60  
 tcagatgtct tgggtccctga atagtcctag attacttatt ttgagaattc attgttaaaa 120  
 attacagga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180  
 atgcctctga aaatttttatt agttttattct tgtggagaat accaagaaaa tgtgtatttg 240  
 cccattgcta aatatgatat atgccatttt gtattttatt gtcccaagtg tctttttgta 300

<210> 327  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 327  
 gcagggagtt gcttgggtgg ccgctaacac caggctactc ttatttttagc ttgctaagtt 60  
 gagatcagct agacctgctt tcttttctcc tcagtcttgc atttccctca atacaagctg 120  
 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctcctctagg 180  
 gactcttcag tctcatttag atgatagtcc ctttttttct acctccatat tagagatgga 240  
 gctccttctt tttcctggtt ctttaatttt gtcttctcat tcttgcttcc ctctcaccct 300

<210> 328  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 328  
 ctctggagta gctgggatta caggcatgca ccaccatgcc tggctaattt tgtatttcta 60  
 gtagagacag ggtttcgcca tggtggccag gctgggtctca aactcttgac ctccaggtgat 120

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tcacccacct cagcttccca aagtgttggg attataggcg cgagccacca tggtcagcc 180
tcatgttcgt ttttaaaact taggatggtg gctcttttac attgattggt aggaactctt 240
catattacga ggcagtttagc tagttgtctg tgaaataaaa tactaatgat tgaactttct 300

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<210> 329
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 329
ggttttacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg 60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac 120
aatgaggtaa accagaccta ctacgttctg gatgtgatgt gctggcgggg acaccctttt 180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa 240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt 300

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<210> 330
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 330
ggtgttttgt tctgtagcag aagcataggc atactgacaa tacaaaccga aatccttcta 60
acgtagtggg ccttttcagg ccagcatttt ttccttgaaa acctggagca tgtatccatc 120
ttatagcaga gatcactttc acaatgtttg ggctcttgat ttgaattgat gatgtaatga 180
gccctctatc cagattgtaa ctaattactc tgcgaaattga ctggattcca cacccttcta 240
atattttact tttcctcttt tatcaactct cattctcgct gccatgatca atggaccaac 300

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<210> 331
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 331
ctgtgcacac aaattagaat ccttgtaaaa tggccatgat tctgtttatg accctggccc 60
tccaaccaga ccagcctctc tgccctctgg cttttttaga tcaactggcat ggtttctgce 120
tactccaggt gccagtatta ttttgtgaat gttttttttc ttcatatcta ctcatcttta 180
tactactttc ctcgtaaaaag gaaactagag aacatgatct taaatgaaaa ccaacgatca 240
cttgccagaa agaacaggta actaggcttt gaaaaaataa gttagaggag atagcataat 300

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<210> 332
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 332
tccttaagaa tctcaaactg attttttaaaa atccggtaaa ttagaagggg ccctcgctat 60
tttctgtgtc agtcttcatt ttaaatatgg atacaaaaag gatacgccga gccaatcaaa 120
gacaagcttt aactttactt tgaagtgttt ctgaaatgat aaaatgtagc cctagccccc 180
tgccctcaat tgtaaagtga gcaaccattg ctagtaattc tttaatgtgt ataaattcaa 240
tttcagggtat aacaaatgtg atcatgacat gaaaatattc tagaatagat actgtattaa 300

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<210> 333
<211> 300
<212> DNA
<213> Homo sapiens

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&lt;400&gt; 333

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ccccaaaatgt	tgcttttcat	tctatgtcaa	taattttaagg	tggaattttct	ctcacccctgt	120
ggagatgaaa	gtggcaaaaag	gttgtcccag	cagtgtttggg	ggatgggggtg	tgacacatcat	180
tcttttgggg	gtagatgacc	tgctggctgg	tgggtttttc	tccaggacta	ctgcaggtag	240
agaccctctg	ggcttgtgtg	gagtggggagc	agcctgtgtg	ggactatggg	gaggagctgg	300

&lt;210&gt; 334

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 334

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
aaagccgggg	ggcaaggctg	gcatgggaat	gaacacctgc	tggtgacacc	tctctgagct	180
tcagttccct	taactagaaa	aatagaacag	gcccgggtgcg	gtggctcata	cctgtaatcc	240
cagcactttg	ggaggctgag	gcgggtggat	catgagggtca	ggagatcaag	accaccctgg	300

&lt;210&gt; 335

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 335

ggaagaggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgtccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggtcctcat	cgacggcgtg	gagtgcagcg	300

&lt;210&gt; 336

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 336

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
tcaaacgtaa	gatgaaagct	attggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tattttctca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300

&lt;210&gt; 337

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 337

ataggcatat	tgacaatata	aaccgaaatc	cttctaacgt	agtggacctt	ttcaggccag	60
cattttttcc	ttgaaaacct	ggagcatgta	tccatcttat	agcagagatc	actttcacaa	120
tgtttgggct	cttgatttga	attgatgatg	taatgagccc	tctatccaga	ttgtaactaa	180
ttactctgcg	aattgaatgg	attatacacc	cttttaatat	tttacttttc	ctctttttatc	240
aactctcatt	ctcgtgcca	tgatcaatgg	accaactatg	cttataacca	caaatgggtga	300

&lt;210&gt; 338

<211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

<400> 338  
 gcttgcaactt acacacggaa tcgctgtgca tccgacagag gctgattggc acatggggca 60  
 cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga 120  
 acagtaaacg tgtctgtcct tgatttacag agtagctaca ttctaggaa atccagggtg 180  
 cattaaaaact caccatgtta cccaggctgg tctcaaactc caggcctcaa gcaatcctcc 240  
 tcctgtctcc acacagacgg ctctgtcacg ttgngaate tacaggncac tccttgca 298

<210> 339  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 339  
 gcagagagaa gggccgttct cggctggtat caggcccaag agagtcaaca aagggggggac 60  
 gaaaggggaga caggggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120  
 aataaagtgt gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180  
 ggaagcctgc ggacacctgc cctttgtgat tgaaccgcag acaccaggcc tggcgggggc 240  
 gcttgccctcc gctgcccagg ctaaggctcc gctaagctgg tcctgagaac atacttcatg 300

<210> 340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 340  
 ccagccctc ctctccccgc ctctgggag gaggaggtca cacgctgatg ggcaactggag 60  
 aggccagaag agactcatag gacggggctg ccttccgcct ggggtccct gtgacctctc 120  
 agtccctctg cccggccagc caccgtcccc agcaccagaag catgcaattg cctgtccccc 180  
 ccggccagcc tccccactt gatgtttgtg tttgttttg ggggatattt ttcataatta 240  
 tttaaaagac aggccgggag cgggtggctc cgtctgtaat ccagcactt tgggaggctg 300

<210> 341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 341  
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 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120  
 gaaagctagc atgcatgcc tcttacctgg gtatcttccc cttttttcc ttttaaactc 180  
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttntttna ctgngccatn 240  
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 342  
 agaagattgg ggatgaggag tgaggagaag gctggagacc agtttagaggc taccgtagca 60  
 gcgtagagag gctgaaaatc taactagggg ggaagcagcc aggcaggctg gtcctaattgt 120  
 tgggagttgt tcagatctgg tggagaggtc attacttata gagttattaa ttataacccc 180  
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctgtt 240  
 ttctttttta ttactcat- cagcagctat ttcaatgect gctgtgtgcc aggtgctatt 300

<210> 343  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 343  
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgtctgggc 60  
 ctcagatttt tatcttctag aatgaagata cttacccccc aattgctgag atatttgaat 120  
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcgtt 180  
 tgctactttt ttggcgaaga aaaatatttg gatgcatgaa taatatctac ctaagggtacc 240  
 taaggttgta ttcattccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 344  
 ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60  
 gaaaaagata aattgagact agaataggta gactttaaat gcctgtctgg tttaggtatt 120  
 tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtccaa agattattat 180  
 ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240  
 attcttctctg aagattagaa actcctcaaa gactgggttat tagagcttat tcttcattat 300

<210> 345  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 345  
 aaaaagtaaa gcttttcatg agcacaaatc ccttgcattg tttgatgtta ctgatattcg 60  
 taaaaatgaat attttttgtt ttgttttgtt ttattttttt gagacaagtc ttgctttgtt 120  
 gccaggctg gagtgcattg gcatgatctt ggctcactgc aaccctgcc ttgcgagttc 180  
 aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240  
 ccagctaatt tctgtatttt tagtagacac aggggttttac catgttggtc aggtggtct 300

<210> 346  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 346  
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 aaagccacat tgctgctagt gttcttattg tgttttggat tctgtttctt gcccttttcc 120

ttattagcca agtagtaact taaggaagca gataagaaca atgaattttg gactaaagga	180
agtaagaaca atgaaccaga aatcagatag gaatgtggtg ataattgtga catggtcaca	240
tagtcatagt gggagctcat gtgagtaaaa atagcttgat acatttgta agaggcttgt	300

<210> 347  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 347	
caaagccgtc ccttcaaate cgtctttgtg cccactgcc tagtcaaccc cgtgagaagc	60
acagccggcc ctgggacttt aggacaaggg tctcttcgga aagggcggag cagcatgaga	120
aagaatggat cctgcagag acccctccag tccgggatcc cactctcgt ggtaggctcc	180
ctcagacgca gccccaccat ggctcctcgg cctcagcagt tccaattcta ccagccacag	240
gggatccct cctccccctc agccgtggtg gtggagatgg ggtccaagcc tgccctcacg	300

<210> 348  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 348	
actcctactc agcccatgga cccgatgagc tggacctgca aaagggagaa ggcgtcaggg	60
tcttggggaa gtgccaggac ggctggtcga gggcgctctc cttggtcacc gggcgagtcg	120
gcattctccc aaacaattac gtcaccccca ttttcagaaa gacctctagt tttccagact	180
cccggagccc tgggtctctac accacatgga cgttatccac ctctctctgt tctcccaag	240
gcagcatttc agaaggtgat ccacggcaaa gccgtccctt caaatccgtc tttgtgccc	300

<210> 349  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 349	
agaatgctgc cacagatgtg agacgggtgt ggctttcttc agtgggtggat cactttcatt	60
catcttttagg cgacaaaggt tgggggtgtg gttacagaaa tttccaaatg ctactttcat	120
cattattaca aaatgatgct tacgacgatt gcttaaaagg tatgttgatt ccttgcattc	180
caaaaattca atctatgatt gaagatgcat ggaaggaagg ttttgatcct cagggggcct	240
ctcaacttaa taacaggta caggaacaa aggcctggat tggagcatgt gaagtatata	300

<210> 350  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 350	
aaaatccggt aaattagaag gggccctcgc tattttctgt gtcagtcttc attttaata	60
tggatacaaa aaggatacgc cgagccaatc aaagacaagc ttaacttta ctttgaagtg	120
tttctgaaat gataaaatgt agccctagcc ccttgccctc aattgtaaag tgagcaacca	180
ttgctagtaa ttctttaatg tgtataaatt caatttcagg tataacaaat gtgatcatga	240
catgaaaata ttctagaata gatactgtat taaatattgc catgtttaca atatgtaata	300

<210> 351  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(251)  
 <223> n = A,T,C or G

<400> 351  
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 tgggggtgtgc tgggggttggg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgagg ggttcttatt tgaacatc tatgatgggg gaggtgnnnn 240  
 nnnnnnnnnn n 251

<210> 352  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 352  
 atccagatgg gatacctcta aacacgaaaa gaaagaagat tccattagtg aattttttaag 60  
 tttggctaga tcaaaagccg agccacctaa acaacagtcc agccccttag taaacaaaga 120  
 ggaagagcat gcaccagaat catccgcaaa tcagacagtc aacaaagatg tggacgcaca 180  
 ggctgaagga gaaggagcc gcccatccat ggacttattc agggccatct ttgccagttc 240  
 ctcagatgaa aagtcctcat cctccgagga tgagcaaggt gacagtgaag atgacaggc 300

<210> 353  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 353  
 tgtctacact ggccgagtct ctgggtctgt ctacactggc cgagtctccg actgtctgtg 60  
 ctttcaactta cactcctctt gccaccccc atccctgctt acttagacct cagccggcgc 120  
 cggaccgggt aggggcagtc tgggcagcag gaaggaaggg cgcagcgtcc cctccttcag 180  
 aggaggctct ggggtggggc tgctcccat cccccaagc ccaccagca ctctcattgc 240  
 tgctgggtgag ttcagctttt accagcctca gtgtggaggc tccatccag cacacaggcc 300

<210> 354  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 354  
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 cgtagccagg attggggaga gcccttgtct ctggtcagcc ctggagcatg ggatcgtggg 120  
 aaagaggagg gggaccaggc ccagggcagg ggtcagaggc ccaggccctg acttcggctt 180  
 ccagagatc tctccgcctt agttaagagc atgtgtcggg aaattcctca gagtgtcag 240  
 agtccctgta tttttatacc tttttacaat gtttaactgtt cagaactgtt ttttgtaaca 300

<210> 355  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 355  
 cttggaaatg cttctagctc cggacattcg acatgaaaga aatgtgattt tgcagtgtgt 60  
 tcggtacatc atcaaaaaag acttttttgg actggatact aattctgcga aaagtaaaga 120



tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaaccaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaatttta	agtctttect	ttggttctat	gcaaataaaa	300

&lt;210&gt; 356

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 356

ccgaagcaga	ggacccggac	gatgaggctg	ggccccactc	agcctcgccc	agccctgctc	60
aagctgggag	tccccccat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcagggtggc	gtgtccctcc	taggccagcc	acagcccctg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcgaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

&lt;210&gt; 357

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 357

gacagaccgt	tgagaggacg	tggaggcccc	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

&lt;210&gt; 358

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 358

atcaccttgg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggcactgat	60
gttccttggc	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcatccta	tgttttggtg	180
gtaaaagaag	caaataaaca	aatgaataga	ggctgcacaa	cagttgtctc	accaactgtt	240
ccgactagct	aacaagatta	gctaggtcat	acctagtcgt	aaaagaatac	tataagaact	300

&lt;210&gt; 359

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 359

ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaaactaatt	ttacatacac	aaatcttttc	atcttctgaa	cttcctttat	120
ggctttactg	tcaccccaact	agtatttgat	gtcttagcta	ttaaactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

&lt;210&gt; 360

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(293)  
 <223> n = A,T,C or G

<400> 360  
 ggagttttttt ttttcattat aatttttttca ggaaagactt atggaaaaaaa atatctctct 60  
 cccacctctt tttatcccca tgagacacag tttccctactg taatcagggg aatatgcatt 120  
 tgtaagttct gatatgtgat tcatTTatgt gatggcaaaag ataagtctgt cttgaatgca 180  
 ggtactannn nnnngtinnac annTTatnch aatntcaanc aacnntaatt nctactacnn 240  
 ngTnttctga nnaagangnn ntnttcattt agatntngnn accntnctga tta 293

<210> 361  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 361  
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60  
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120  
 aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180  
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatTTta aactattatc 240  
 taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcttttt attaatgtta 300

<210> 362  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 362  
 ccaggtagct ctcaaacttc ctctcaatc cactcctcct tttacattca tggaaagggga 60  
 ggggggaaaga agcccgagtct ccaaggctcag ccagttacac cagaagcagt gcccaaccaga 120  
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agaggggcca 180  
 ccccggtcc tgggtgtccc tatacccagc tgcttctctt caagctgggtg aagccctgc 240  
 cactgccacc acctcctccc ctaccttggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 363  
 attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca 60  
 cgtttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtaaccgta 120  
 ccaaattggcg atccgagcaa aaagactgga agagagccga gcggcgggcgc tccgagagct 180  
 ccaggagaga caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagtg 240  
 gagagagcga gcccgagagga tggagaagag gannnnngag ctacagcaaac tcctgcctcg 300

<210> 364  
 <211> 262  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 364

cttcaggaac	tagatgtata	tgcacaaggg	attgagttta	cactaaaact	aggaaatgga	60
gttttcaatc	tatgttcttg	cctcttcata	cttttattta	ttttttgtca	tcctgcctta	120
tactgggcta	acaatgagat	aaaataaaaa	tacctttgaa	tactcttttc	cctttcatgc	180
atttaaagcc	atggaggaac	tagaccatta	gctgttgccg	tcacatgett	agacaccagt	240
ttacttagcg	tgttatgacc	tt				262

&lt;210&gt; 365

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 365

agttggagaa	cattatgctg	gagagagaa	ataaagaaag	ggagatgttg	gaaacttctc	60
aagctgctgc	tctgtttctg	cccaaccgca	tggtgcctgg	acctgactac	aattcctaca	120
aaagtgccta	cagccccagc	ccagtgggaa	caccaagcaa	ggacttctgt	aattttttgc	180
ccacctgcct	tgatttaacc	atgcagtatt	cagggctctg	gaatatggaa	ctaatttctt	240
ctaattgtcag	cgtggccaca	acttatatac	agtatccctt	gtcctcaaga	tttttagttt	300

&lt;210&gt; 366

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 366

gatgctgttg	tgacatctcg	gagtgaggat	gatgagacaa	aagaaaaaca	agttcgagac	60
aagaggagaa	aaacccttgt	tataattgag	aaaacctaca	gcttactcct	tgatgtggag	120
gactatgaaa	gacgttatct	cctaagtctg	gaagaagagc	gacctgccct	aatggatgac	180
agaaagcaca	aaattttgtg	catgtatgac	aacttaaggg	ggaaattgcc	tggacaagag	240
aggcctagtg	atgaccactt	tgtacagatc	atgtgtatcc	gaaaagggaa	gagaatggtt	300

&lt;210&gt; 367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 367

cagtcctccc	cacactcaga	gatctgtggg	gaagctccgc	ccagccacac	tccttgggat	60
aatactagcc	ggttctgcct	gattcctttt	ccccggagcc	agcctagggg	gcccgggact	120
cctctagtga	gccttgactg	ttaggttaaga	gacaggaagc	agacaagcca	agaggttgct	180
gcagctgccc	ccaggaggaa	acgggcagca	gggagtgtgg	cccagcccc	actgtacccc	240
tccagggggc	cgagcccttg	ccagcccaat	gacaccttga	agtcaccact	tttcctttct	300

&lt;210&gt; 368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 368

attttgctgg	acactcagac	acaatttaga	gtatttatat	ataacttgaa	aacagtaaca	60
tttccaaaaa	ccgatgaacc	ccacctgtc	ccaagggaatg	attggtatgt	atgtgaagtt	120
cattttctga	caaaaaataat	tacgttccac	ttaggatgca	caaccatgct	gtcctgtaga	180
gaagtcacaa	gttttgtgag	aatttttaaa	ctgatgatgt	ttatttccat	ggtaacatga	240
gtatacattt	taccttctat	tgtagtgtatg	aatcacaaatt	agtctttttt	tataggttgg	300

<210> 369  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 369  
 atggggaccaa atttaagcaa tttttgtttt tggctgaaga gacaccaaaa tattagagga 60  
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120  
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180  
 cttccacctt ttaaacttta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240  
 ccccaaaggg atccttttctc taangnctct gacagagggg ccaggaccag acct 294

<210> 370  
 <211> 241  
 <212> DNA  
 <213> Homo sapiens

<400> 370  
 cacactccag gctgagaaag agtaattagg aggcctgagg agggggcccg ggaaaggctg 60  
 ttgggggtgg ctggggttgg taccgagcgc ccttcccctc acctcaacca gagaagagca 120  
 tccggttgc ttttaaagct tttagcctgc cctagcaagg acaaagcatg ttagattaga 180  
 gatgcttctg ctgatcgag gggttcttat ttgaaaacat ctatgatggg ggaggtgtgt 240  
 g 241

<210> 371  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)  
 <223> n = A,T,C or G

<400> 371  
 ccaagtgcga gggagcttgt ggccctttgg tgtttattgc agcagcttta gttctgcagt 60  
 ggaggtgggc tggagcaggg gacgaggtct tgggagtctg tgaggccact ctggccgagg 120  
 gtgtgggttt gcttcctcag ctgaagggat acatggaaac ccacctttgc atagtctcagt 180  
 aggggttacg gtgtgggttca tggaaagccat ttctgtgggt tgnnnnnnnnn nnnnnnnnnn 240  
 nnnnnnnnnn nntnntnntn nncagaatn atgagntcaa nanannagcn tgatatg 297

<210> 372  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 372  
 gtttttttgt gaacactgat tttattggtg tcttagatcc ctagtctacc caaataattt 60  
 taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca 120  
 aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180  
 atttaaaagt gtcctttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt 240

gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373

<211> 300

<212> DNA

<213> Homo sapiens

<400> 373

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actggactta	ggaatgtttt	tgccacactt	aacagatgtc	caaaaagact	cctgactgct	120
gagtcaacag	ctcttttatac	cacctttgat	caaataattgg	caaaacactt	gaatgatggg	180
aaaatcaatc	agcttctctt	tttcttggga	gagcctgcta	tggaatttct	ctgggatttc	240
ctgaaccatc	aggagggtcc	ccgcataaga	gatcatttaa	gccacgggga	gatcaactta	300

<210> 374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 374

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aaggccctgt	acagtgacct	taaattctttg	gaaacatctg	cttttgtcaa	gtcctacaag	120
aaccttgctt	tctactggat	tctgaaagct	ggcatatagg	ttccttctga	ccaaggggac	180
atggctctga	agatgatgag	actggtttgg	ccttggggca	cagagctgag	ctgaggccgc	240
tgaagctgta	ggaagcgcca	ttcttccctg	tatctaactg	gggctgtgat	caagaaggtt	300

<210> 375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 375

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gggtcaggag	gcctgggtgc	ggaaactgaa	gtggccagaa	ctgcctaaat	tcagtcagct	120
gaagtggaag	gccctgtaca	gtgaccttaa	atctttggaa	acatctgctt	ttgtcaagtc	180
ctacaagaac	cttgctttct	actggattct	gaaagctggg	catatggttc	cttctgacca	240
aggggacatg	gctctgaaga	tgatgagact	ggtgactcag	caagaatacg	atggatgggg	300

<210> 376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 376

ggaggcaggg	atcaacgtga	cggtgtataa	tggacagctg	gatctcatcg	tagataccat	60
gggtcaggag	gcctgggtgc	ggaaactgaa	gtggccagaa	ctgcctaaat	tcagtcagct	120
gaagtggaag	gccctgtaca	gtgaccttaa	atctttggaa	acatctgctt	ttgtcaagtc	180
ctacaagaac	cttgctttct	actggattct	gaaagctggg	catatggttc	cttctgacca	240
aggggacatg	gctctgaaga	tgatgagact	ggtgactcag	caagaatagg	atggatgggg	300

<210> 377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 377

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gatagcttaa agcaagttta caagtaatta aaatggacag tttgccatta aagattttta      60
atagtggttt tgcagtgtac tggcttgaat tttctggact tgagttaact gaaggagagc      120
ctcaaactat agtaacttca tttttaaaag ttactagaat ttggtatcct gatttatatt      180
gcagtgtttc aaaggtgtca ctgtcagaca aatagaaaca ctgccaaactt ggtgtaactt      240
aagctttcat ttaactaaaa cattcttttc ttgcaaaact tatttttcat gatcattttt      300

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<210> 378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 378

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ataacacaca tcacagtatg ctctcagaaa tttcttttatt tgaaccttat accaatatct      60
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggtagtg      120
agaataaaaa ggatcttacc accttttatca tgaggggtggc tttgctctct ccattccaag      180
ttgttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      240
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattggt ctggaaggac      300

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<210> 379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 379

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ttagtgtact ggatgtcagg tccctcaaag attccttggg ccattttcat gtgaatgaag      60
aataaatcaa ttgtctttca ttgaatcaca cggacaacct gctggcttct gctgacgact      120
ctggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac      180
attccaatat ctgctcctca gtggcttttc ggctcagag gcctcagagc ctggtgtcat      240
gtggactgga tatgcacgtg atgctgtgga gtcttcaaaa agcccgaacca ctctggatta      300

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<210> 380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 380

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ttagtgtact ggatgtcagg tccctcaaag attccttggg ccattttcat gtgaatgaag      60
aagaaatcaa ttgtctttca ttgaatcaaa cggaaaacct gctggcttct gctgacgact      120
ctggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac      180
attccaatat ctgctcctca gtggcttttc ggctcagag gcctcagagc ctggtgtcat      240
gtggactgga tatgcaggtg atgctgtgga gtcttcaaaa agcccgaacca ctctggatta      300

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<210> 381

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 381

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gaactgctgg ccgagccgc tgggagtcta gaaagagaaa atctgtttct agacctcagt      60
tattttccca tttttggttg ttttgaagca gtaacatttt tctcagtgc catgcaattt      120
gggtttttaga gaagatggcc accagctggc ttcttagata ttttaaactt ttgttcttta      180

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atattgctgtc catggctgag tttattagta catgggctta ggcaccacac aaatattcta 240  
ttacgaaact gttncagaaa taaattngca ctgtncattc ntctggctc gctggg 296

<210> 382  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 382  
gccaaacttca attccctttt agtcatctac ttctactaa cagctgtaac taggatgagt 60  
caaaatcaat tgcctatgct caccagatcc ctgataaatt cccatgaagc cacctgaaag 120  
gtggtaaaag caaggtaaaa cgtgggtgaaa gcaaggtaaa gaaggtagat ttcacaattt 180  
tgttttttta aaaggggaat cttccctgaa ttcttttgagg tactaagtac gtgggtttaat 240  
gcatattttc attcttggtta gcagttttaa aataatgttt cagagactgt attcacgatt 300

<210> 383  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 383  
gataggccac attccagtaa gaactcaatt tgactcccaa atttgcagaa acaaaacgtg 60  
atttaaaagc tgagcttttt atcagaaagc ttttttgatg ttttaagtgt tatgtgactt 120  
gttgaacttt ttaaaaagtg ctacttttaa aatcccagat actctgaatt ttagaaaaca 180  
aactaattct gattgtgtcg tgcccaagta cctttttttt ttaatgaata gggaccaatg 240  
ccacattgct ttttatattc ctttctttat taatgatgcc aaaacccaaa gtagctgtgt 300

<210> 384  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 384  
cttttagttca gataaaggaa acatccaaaa atactgagat gagtaaaatt ttattcaaag 60  
taggttctctg ctttgtcttg atctcaatcc attctaactc ctgatgtcat ttaccgtgtg 120  
agatcttagt acaatcatga aaagaatatg agcatttata aaaactctct gacatctgta 180  
tgtttagaaa tgaacttaca cagcaaaata tgatttctct gcaattattt aatttttcta 240  
acttcaattt ctacctatgt gtctctgcca gtttgacctg attcagacac ccagaacttg 300

<210> 385  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 385  
cctttccaag cccactgctc agccttagag gaaagtgtgg atttgaaatt tcctcatgga 60  
attgatggag gtttttaggt agattcatag aatataacgt atctaccaa gattccgttt 120  
tcaagggatc tagaagatgt tagtgacac gcaaaaacca gacaaacgtc tctacacgga 180  
taaaggcaca tatacaatta tgcacacagg gaagggcata cactctattg tgggcacaga 240  
atgacatgca attatggaca cacaaaaaca catgcacca attatggaca ccaaaatata 300

<210> 386  
<211> 300  
<212> DNA  
<213> Homo sapiens

&lt;400&gt; 386

tgctcttggg	tgcttctga	ggtgtggtg	cacaggggtg	ttattctga	atgcaagggc	60
ttactatgat	ttctcttag	tgctctcat	ttctgatgct	ttctgtccta	tgaggtcagt	120
ctacttacta	gttagtattc	tatattaata	agtatgccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tcgggaaggt	240
tgaggctgtt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcttgggcaa	300

&lt;210&gt; 387

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 387

gccagtcctt	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcgtgcggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcggaggggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcttacgga	180
agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaaagga	gtgatcagag	300

&lt;210&gt; 388

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 388

gagacagcag	ccccagggga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tcggggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcattggtctg	gaaagtgttt	gcccctaagt	tcataatttga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tgggtgatgag	300

&lt;210&gt; 389

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 389

ctaggatgtc	tggcacctta	ccgaaggcta	ggaataggaa	ctaaaatgtt	aatcatgtc	60
ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggttttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	240
ccttctgggt	agaatgcaga	tgtgcaaaaag	acagacaact	gaacaaatta	caaatagaact	300

&lt;210&gt; 390

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 390

cctctctgtc	ataatgtacc	caaaatagag	taagaatata	atgcttttca	gtaatactcc	60
agtgaatgag	gctaagagta	ccatttttgt	tcttataaaa	gaattttttt	ggacatgaat	120
acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatata	acctatagga	180
aactgaacgt	agcctttaa	cattaagtga	tgataatgga	tttggcgggg	cgcgggttgc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

&lt;210&gt; 391



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 <212> DNA  
 <213> Homo sapiens

<400> 391  
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 attaaaacag ttttagtagcc ttcagttttg tgaaaatagt tttcagcaca gaaactgact 120  
 tcttttagaca aagtttttaac caatgatggg gtttgcttct aggatataca ctttaaaaga 180  
 actcaactgtc ccagtgggtg tcatgatggg ccttttagtaa attggagctg cttaatcata 240  
 ttgatatcta atttctttta accacaatga attgtcctta attaccaaca gtgaagcact 300

<210> 392  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 392  
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 tttagaaagg tcttctactg tcttcagcaa ccatctcatc ttccagcttc acctgattgt 120  
 ccagttatca tacatttgac tttcaaagt atgaaccagc atgtaccca tggatttaac 180  
 cttatctacc ccgtggattc aatcttctta tcagaagggt cttttatgtc aaaaaacctg 240  
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 <212> DNA  
 <213> Homo sapiens

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 ggetcatgtt gctcacaggc agagtgtctc tggcacagtt tgccctggcc ttcgtgacgg 180  
 acacgtgcgt ggcggtgctg ctgctgtgct gggtgggt gctcttccat gggatgctgc 240  
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<210> 394  
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 <212> DNA  
 <213> Homo sapiens

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 gttctgctgc ctccggaagc aggcacaggc ccagccacat ctgccaccag cacggcagcc 180  
 ctgcgacgtg gcagtcaccc ctatggacag tgacagccct gtacacagca ctgtgacctc 240  
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<210> 395  
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 <212> DNA  
 <213> Homo sapiens

<400> 395  
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 caggggcagg ggcccaccgc acacccttgt cccgggctg tctgggactg gcttccccgg 180

ctcagccagt gaggtcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 396  
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 ctttctctatc ttattagaaa gattagaatt gcttttctag agttccagta atggaatcat 180  
 acagtgtcta agtctgtttg tgggtgctgta acaaaatacc tgagactggg taatttataa 240  
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<210> 397  
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 <212> DNA  
 <213> Homo sapiens

<400> 397  
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 ttaggtattc agtatttaaa tcacaaaatt tgtgatttga acattttttt ctcccttcat 180  
 gagattttta gtggattgat acttgcttcc cattctgtcc cgatgtctga cctttgtaat 240  
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<210> 398  
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 <212> DNA  
 <213> Homo sapiens

<400> 398  
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 taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcaggt 180  
 caatataata ctgccagaga cagaaaatac ccccttatca gtcccttagt gcctctttcc 240  
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<400> 399  
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 agagctggat gactatggcc aatttggaag aagagctcca ggagatggag gcacggtagc 240  
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<210> 400  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 400

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tgggtcagtg	acggacactt	acctgacagc	ggatccacaa	tattctcgtg	cagtgtgttt	240
ggaatcctcg	tctgggctct	cgtcgttggc	ctttagatc	aagtagggga	agtgagtgat	300

&lt;210&gt; 401

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 401

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ggtgaggaga	cgcgtaggga	tggtgaggag	gggagaggag	ggagacctgc	tggtgccctt	180
gcaccagggg	gaggcctgac	tcacgctgct	tccccccaca	ggccctgctt	tgcttgctg	240
ctttttccag	aatcgatttt	gcaagcttca	agattctgtt	cccctcttcg	cagaagtgag	300

&lt;210&gt; 402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 402

cccccatctt	cactggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	60
tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tgggaagatt	gaggtctttc	120
ttttgcagtg	ataaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatggtat	gtaaattata	240
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&lt;210&gt; 403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 403

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accccgttta	ttgtagaact	gggggttcag	agggcaggtg	cctcagagtt	gaggccacac	180
agtgaggtct	ggtgggtgaa	aggaccagag	aacgaggcgt	tcaggaaagc	aggttggtcag	240
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&lt;210&gt; 404

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 404

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actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa	180
ttgaatgact	tgaactaca	gaccccttat	ttaaacttcc	caaatttctg	ctttatctag	240
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&lt;210&gt; 405

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 <212> DNA  
 <213> Homo sapiens

<400> 405

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gatgaagaac	ctgagttttc	atcagccatg	cctctggaag	aaggagacac	attctttttt	180
cagccaagac	cacttaaaaa	ccttgtgctg	gttgatgagt	tggacagcct	ctctccatt	240
ctgttttgc	agatagctga	tctggccaat	gaagatactc	cacagtgtga	tgtggcctgt	300

<210> 406  
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 <212> DNA  
 <213> Homo sapiens

<400> 406

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aaaataaaag	tattcccttt	tgagtgtgaa	ttaggaatca	atgccccctc	tcactacttt	180
tgtgaaaaaa	atcacagttc	ctgcagcaag	tctatgcctg	ggtaacaacc	aaccacaaaa	240
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<210> 407  
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 <212> DNA  
 <213> Homo sapiens

<400> 407

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gactgagacc	gctgaggagg	tgctactggt	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgctgaag	gccctgagat	tggcgcccg	ggggcgctctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgctc	atggcaacaa	caaggctcatg	gctgctgtca	gcaccagct	300

<210> 408  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 408

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tgaatcagga	gatggtaatg	ccaagattta	gaccgcgtgg	aacgatgatg	agttggtggt	180
ggtgagagta	agtagtgagc	ataatgatat	gttgaaatca	gtaggaagat	tgtgtttgag	240
gaaaatataa	ggtatccgctc	cattcattct	ttattttattc	ctgttaattct	ttaaaaagct	300

<210> 409  
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 <212> DNA  
 <213> Homo sapiens

<400> 409

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gcagacacag	gatctgctaa	cgcagctggc	agctgagggtg	gctatcgatg	aaagctggaa	180

aggaggaggc ccagtgaccc tccaggacta tgcctccca gacagtgatg acgacgagga 240  
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<210> 410  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 410  
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 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120  
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgctgt ttccagagtc 180  
 cccagagaaa aaggagtctg gcagtttagaa gagtaaaagt catctgtcaa caaaagaaat 240  
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<210> 411  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 411  
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 aaaatagttc tggtgaattt caccctggca atgtaaattg atagcttctc ttcacagatg 180  
 ccagacaatg gacaactcac catcagtcct ctgctcacct gagacaaatg catgtctgat 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 412  
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 gattctgcat taaccactg tttgccaca tcttgagcct tgggttccct atctgtaaaa 180  
 tggcagatatt ctctgggctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc 240  
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<210> 413  
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 <212> DNA  
 <213> Homo sapiens

<400> 413  
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 agccttgagg aaatatatat tcagaatata ggtgaaagta ttctttacct gtgggtggag 180  
 aaaataagag atgttcttat acaaaaatct catgatgacg aaccaggccc agatgtaaag 240  
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<210> 414  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

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 cttagatgga acttctgtaa gcttagtagg tatgcttaaa taaagcctgc taataaaata 240  
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<210> 415  
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 <212> DNA  
 <213> Homo sapiens

<400> 415  
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 tgaactcatg gctaaaaaag aaagagaaag tcagatggaa ctttctgctc tacagtccat 180  
 gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag 240  
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<210> 416  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 416  
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 gagagggtgc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctgggttt 240  
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 <212> DNA  
 <213> Homo sapiens

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 agagctttgg ttgagtatag attctcctag gcttaccgta gagttacatc ctgataagcc 180  
 cattataagt tgaaaatgtt tttagccgtg gtggctcatg cctgtgttcc cagaactttg 240  
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<210> 418  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 418  
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gtgagagggga gacagaggtt tgtgaagegc tttgcacacc tgggcatctg gtcagtgttc      180
agtaaagcc agctgggctc agtgggtgcac tctgtaatc ccagcacttt aggaggctga      240
gtggggagga tcacttgaag ccacgagttc agggctcagc ctgggcaaca gagaaagaca      300

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&lt;210&gt; 419

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 419

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gagacgtgca gctgtccaag gctctgtcct atgccctgcg ccatggggcc ttgaagctgg      60
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tccgcggctt ctctgctgaa gatgtgcagc gcgtgggtgga caccaatagg aagcagcggg      180
tcgccctgca gctgggggat cccagcactg gccttctcat ccgggccaac cagggccatt      240
ccctgcaggt acctaagttg gagctgatgc ccctggagac accgcaggcc ctgccccga      300

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&lt;210&gt; 420

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 420

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ggaagcagca ggggtccagg gtagaagggc tcccagaccc cgagaacagg accgagacgt      60
gcagctgtcc aaggctctgt cctatgccct gcgccatggg gccttgaagc tggggcttcc      120
catgggagct gatggcttcg tgccccctggg caccctcctg cagttgcccc agttccgcgg      180
cttctctgct gaagatgtgc agcgcgtggt ggacaccaat aggaagcagc ggttcgccct      240
gcagctgggg gatcccagca ctggccttct catccggggc aaccaggggc attcctctga      300

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&lt;210&gt; 421

&lt;211&gt; 295

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (295)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 421

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aaaagactca aagtagatgg acagaaaaac tgctgtgagg aggggaaaga ggagcagcag      120
ggatgtgcag gggacgggtg ggaagacagg gtagaagaga tggttatgga ggttggagag      180
atggtgcagg actgggccat gcanagccct gggcagccag gggacctgcc cctgaccact      240
ggaaagcatg gnncccttg anaagagggg ctagtncatc actgcagccc tggct          295

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&lt;210&gt; 422

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 422

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gtgggaactt cccctactcc ctggatgtgt gtacctagca cacttccttc tcccaccct      60
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tcttagggga cagatggcct tctttgtcat ctactctc cccccccaga gaggagtcag      180
agccataact caatcactca gcccctccaa agatagttga tgtgtgataa tctcataatg      240
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<210> 423  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(267)  
 <223> n = A,T,C or G

<400> 423  
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 ttcttctctt aagtcttcat ctcttctttt gcttaattac tgaaccgtaa attccttca 180  
 gagaaattta aatgctggta tttggacttt atacatgata ctttttgtag tttcttttaa 240  
 tttttgaaag atgaactgct tcctttt 267

<210> 424  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 424  
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 ggagacagag gtttgtgaag cgctttgcac acctgggcat ctggtcagtg ttcagtaaat 180  
 gccagctggg ctcaagtggg cactcctgta atcccagcac tttaggaggc tgagtgggga 240  
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<210> 425  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 425  
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 ggggttcagg agcttccagc tgtgcagttg gccacaggac taggggagcc cccttccctt 180  
 ccagaccagt gtccacatac cttccctgt gccacacac cttccctgt gcccgactg 240  
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<210> 426  
 <211> 277  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(277)  
 <223> n = A,T,C or G

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 ggctggacaa catagcaaga ccatatctct accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180  
 nnnnnnnnnn tngcccnngn ancccnant tnntggngng gntgngngng gnggncnntt 240



ggncennngg gggtnaggn tgcagggnc ctnngcc

277

<210> 427  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 427  
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 gacaagagct gtagcacta cctcctctc cccagttcta ctcaagcctt attgaagaga 120  
 taggaactct tgggtgggat aattttaaaa tatttttctt gctggcagcc accagaaact 180  
 ggaagaggca aggaatagat tctctcctag agcctccaga gggagcacat ctttgctgac 240  
 accttgattt ttgccagtg aacagatgtg gaacccttg cctccagaac tagagagaat 300

<210> 428  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 428  
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 caagcagctt catgtgatcg ttaggacaga agaaatttct cctttgtagc ctagagcaat 180  
 attctcaaaa tttaatgcgc atgttaatca tttggggatc ttttattcat tttttcatgt 240  
 ggggatcttt taaaaatgca aattctgatt tggtaagtct ggagtaggtc ctgagcttct 300

<210> 429  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 429  
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 caccctcacc atctctaaaa ggcatttcaa actgaacaca tctgatacag aacttttcat 180  
 ttctttccca actttgccca cgcagcctg cctcctcttc acgctttcca cttagtatat 240  
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<210> 430  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 430  
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 aatggtaggt agaaatttgg aagaatcact acatattttc agttatcatt ctctgtgtaa 180  
 attcatgctt taaaaatatg agaagttaaa gtgccttgga tattatttta ttttctatat 240  
 tttgtcccat attgtattgt ctaattttca ttgaaaccac ataacatgct tgaataggca 300

<210> 431  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 431

tggttggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggggtgc	tggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgcagtgcag	aggtcaaaag	300

&lt;210&gt; 432

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaactg	gtgaggctgg	agtgggtatg	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

&lt;210&gt; 433

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcatgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tggtggactt	180
cagactttcc	tgaccactt	tgaatggggg	ccactttgaa	tggaaacttt	ctatgtattg	240
aattaaaaga	tctccaagat	aatgggttaa	atgaaaaagc	acagtgcaaa	agggcataatg	300

&lt;210&gt; 434

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 434

aagataaaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaagggag	tggtctcgta	60
gcccagaag	acgcaaattc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtcac	tctcgatctc	cccgtcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaaagaag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctacttcta	ctagtgcacat	tctgaaagtt	cccaaacctg	300

&lt;210&gt; 435

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 435

agagtcaagg	aaaagtgcac	gatagatcta	tcccatttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcaggga	agactgggga	catttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcagggct	gctgtgatgc	caacaaagaa	180
ggggccccag	gccccatcct	actcctgggc	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	accacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

&lt;210&gt; 436

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 436

aagaaaggct	gcctttgagt	tgaccaacca	tgttgagggt	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttacaaat	taatggacat	cctctctggg	gattagtcac	attctaattc	180
aacaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgcacctaaa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

&lt;210&gt; 437

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 437

accaggaata	atctagggct	cattagagat	gtcaaagatc	tggtctagtt	tcttaaccta	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggctgtgat	gcctcatgcc	tgtaatccca	240
gtaatttggg	aggctgaggc	aggaggatca	tttgaaccca	ggggttcaaa	accagcctga	300

&lt;210&gt; 438

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 438

gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgccc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggt	agccatgaca	180
cgatggccag	atcatggact	ccggaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

&lt;210&gt; 439

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 439

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggcccccc	aggtagacat	60
ggagaagcac	tttgttttaa	ataggagggt	ttcatagtgt	catctgaagc	cacctgggtc	120
tgttaaactg	tatcgtgcag	gttttgggtt	tggcattatt	catgtttctg	atcaattcta	180
tgcaactctc	atagttcctg	ttacttttta	gcattagctg	ccaaatgact	tcaaaaggct	240
ggggtgggtg	acttgactgt	gagactggat	tataacatgg	acaaatctta	ttttgcttaa	300

&lt;210&gt; 440

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 440

tcccaggaat	ctttgttgta	tattaatttt	tgataacccat	ttgattaact	ttaaaattaa	60
gtatatgtgt	gtatatatac	atatgtatgt	ttatatacac	acatgtatct	gtatagtttt	120
atatatacat	atatacacat	agacatacac	agaaccacta	ctttgtaata	gtgtacagtt	180
tgttttatat	ctctttactt	tttttgttac	tattttatct	ggccagcgta	atagttttat	240

ttagattttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 441  
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 aggggaagtg acctccggcc tccaggetct ggccgtggag gataccggag gcccctctgc 120  
 ctcgcccggt aaggccgagg acgaggggga aggaggccga gaggagaccg agcgtgaggg 180  
 gtccgggggc gaggaggcgc agggagaagt ccccgagcgt gggggagaag agcctgccga 240  
 ggaggactcc gaggactggt gcgtgccctg cagcgacgag gaggtggagc tgcctgcgga 300

<210> 442  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 442  
 gcttgcggct gcggggagct cccgtgggag ctccgctggc tgtgcaggcg gccatggatt 60  
 ccttgcggaa aatgctgac tcagtcgcaa tgcctggcgc aggggctggc gtgggctacg 120  
 cgctcctcgt tatcgtgacc ccgggagagc ggcggaagca ggaaatgcta aaggagatgc 180  
 cactgcagga cccaaggagc agggaggagg cgccaggac ccagcagcta ttgctggcca 240  
 ctctgcagga ggcagcgacc acgcaggaga acgtggcctg gaggaagaac tggatgggtg 300

<210> 443  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 443  
 tttctacat tcggaggctg cctctgacg tcgtcaccgg ctacctggcc ctgaggaagg 60  
 ccacgagcat cgttccctga gcccagaaa gggagatgaa gtggaaagct gtttcaaaaa 120  
 cagactctgg actcatgatt ttgtttcacg gaaacaaact cgttctgctg tcaatctgaa 180  
 aatgccagtg ctgtgccttg gaaagaatgt ttggctttaa ttttaagggtt ttttttttta 240  
 gtgtgtgttt tccctccaag tgtgatattt cctgctgaat taaattatac ttcagttgtt 300

<210> 444  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 444  
 ctcgagacca ccccggaaga ccatgcgcag aggggtgctg atgacctgc tgcagcagtc 60  
 ggccatgacc ctgccctgt ggatcgggaa gcctggtgac aagccccac cctctgtgg 120  
 ggccatccct gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt 180  
 gaaggccgtg gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc 240  
 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acacctgag 300

<210> 445  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 445

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ggttaattcc ctgaatccta cttgaacatt gtataaatTT ctctttgcat ataatacata      60
tttgtgaatg agacatattc ccaaaaaaatt cttatctctg tatgtgattg gaaaagaaaa      120
gatcacatTT gtatattcaa caatctttca cctatttcat aagtcatttt ttcaccctgt      180
atagtatggg aattatTTTT tatgttaaat agaaactgaa tgtactgggt tgaatgggtg      240
cctctccaaa attcatgtac ttcttgagag ctcagaatgt gaccttattt ggaaataactg      300

```

<210> 446

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 446

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gnctttnaaa accatctact tgttctTTTT gcaggatccc atngangtcg ggagaatgct      60
ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttggc      120
ctttggggat gatgttcggt gttccaatca gtctcttcca atgaccagac actgccttac      180
ccatatttgt caggatacga atcaggttct cttcaagtgc tgccagggat ctgaagaggt      240
acctcgcaac aaacctgttc ctgtaagcct ctctgaggat cctgctgcc cactgcattt      300

```

<210> 447

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 447

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gccagatcct gcaggagagc gcatgacaga aggctgcggt cgaggcactc caggtgagga      60
aagacctgat gcacggcag atcaggagcc agattaagtt aatagaaact gagttattgc      120
agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna      180
tttgacctgg tccttntttg natttgacct ggnccanac tacanggtca cttgggttcat      240
ctnctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttctt tnagagaaca      300

```

<210> 448

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 448

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gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg      60
agcagtatgg gcacatgcc tgtggacagt tactggacgt taatgaactc agaggagaaa      120
agcagtgagc cacttgttct gtgtgattta tggtaacttc ttgctcttcc ttcacctcta      180
gtcactttct attgctacct gccctacatt ggctcctgcc aaggtccctc tctctccctg      240
tttctctttt tttttttttt nnnnnnnnnn nnnnnnnnnn tgcnttncc cccaggttga      300

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<210> 449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 449  
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caaggccctc 60  
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cctttgtggt 120  
 ggggttgctca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 450  
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caagtcccg 60  
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cctttgtggt 120  
 ggggttgctca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180  
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240  
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 451  
 ccattgttag catcgtagac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60  
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120  
 aacatttgga tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180  
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240  
 tgtaactcac gactgttaaa aaataaattt tctgtgtctg taaaggaagg tttcacagta 300

<210> 452  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 452  
 gcaggatgtg atgtcaccca gatgcagagg atactcagtc aaccaacatt tactgagcat 60  
 ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120  
 attcttggat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180  
 tacttctata tagaagggtg cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240  
 acctctgagc ccaagcaaag ccatcatatc cctgtgacc tgcattgata catccagatg 300

<210> 453  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 453  
 cctgagggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgagggtcagg 60  
 agcccagctc tccagggggc ttctgccctg actgggaagg gtgcctggct ccctaaaaca 120

```

atgtcaaagc cagtctctgct gttctctgtt gccagggggc aggtctgggc ctggggccaac      180
cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg      240
tgggacctct ggatccagct gacctgacag gtcattctact caggaggagg cctgtgctc      300

```

```

<210> 454
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 454
cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggc      60
atgggccacc actcctggct aactttcgta tttttagtag agatagggat tcacatggtt      120
ggccaggctg gtcttgaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt      180
gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa      240
ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac      300

```

```

<210> 455
<211> 221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

```

```

<400> 455
ggggcggcca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctc      60
aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag      120
cctcctgagg agctaggacc acaggetcat gcctccacat cctgctacat tttttatatt      180
ttttgtagag ttggggctct gctgnnnnnn nnnnnnttat a                        221

```

```

<210> 456
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 456
gaaggcagtt atatgggttt ttactttttc atcaattcca taccatcggg agtaactaaa      60
tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgcca ttaataaaaa      120
caacaatctg agcttaacaa aaaattttaac aaacaggga gacagaaaga tggatatatt      180
attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa      240
cctgttatag ctaaataatta aacacatatt aattagggcc aactttgaag gatttctaatt      300

```

```

<210> 457
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 457
aagtagctgg gactacaggt gccaccacc atacctggct aattttttgt attttttagta      60
gagacagggt ttatccatgt tggccaggct ggtctcaaac tctgacctc aagtgatect      120
cctgcctcgg cctcccaaag tgctgggatt acagggtgtg gccaccatgc ccagccaata      180
atttctgat ataataaaaa tgccaatact atacaattaa atagtaaagt gataaaaaat      240
aggataacat gataaccact aattaatata tactacataa tcatectttt cgtgagttga      300

```

<210> 458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 458  
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60  
 tttccctgta gattgcaaag tcattctatgg agaggaaagg tccaaaatag tcactgggga 120  
 gagcaggtga attagatggc caagcagggg ggatggatca tttgaggttt ggggtgacag 180  
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaaca 240  
 cttaaagctt tttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459  
 <211> 243  
 <212> DNA  
 <213> Homo sapiens

<400> 459  
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggccgag gaaaggctgt 60  
 tgggggtgtgc tgggggttggg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgagg gggtcttatt tgaaaacatc tatgatgggg gaggtgtggg 240  
 aag 243

<210> 460  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (260)  
 <223> n = A,T,C or G

<400> 460  
 cacactccag gctgagaaaag agtaattagg aggcctgagg agggggccgag gaaaggctgt 60  
 tgggggtgtgc tgggggttggg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgagg gggtcttatt tgaaaacatc tatgatgggg gaggtgtggg 240  
 aannnnnnnnn nnnnnnnntg 260

<210> 461  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 461  
 ggcagggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60  
 tgtttgtttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120  
 caggccaaac aaaacacgcc tgttgactgg ttgtttgcc aacctaaatat aaagtggggc 180  
 ccatgtgtgg tggtcacac ctgtaatccc agcatttttg gaggccaaagg caggaagatc 240  
 acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462  
 <211> 300  
 <212> DNA



<213> Homo sapiens

<400> 462

gccaggtgtc	attgcacatg	cctgcagtc	tggtactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atatttttgaa	acatattttt	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcagt	cactctggcc	tgcattggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	taaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttgatttt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatatt	cagtcctggt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattggt	ctacttggtt	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtgggtat	tattggtgct	ttttgaagtt	gagggtgaacc	atccaggaag	gtcttggtta	180
tggtatgttc	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctttttt	tccccccctc	cgcaagcaaa	actggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

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gctgctctgg	ggtctccggg	ggccacagct	tggggtgagt	tgaagacctc	aggggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaagggtg	tcttggggca	180
tggtgcagag	caggtgaccg	gagggaaatc	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

```

gaaaagggag cgcgcgagcg cctacggggag tccggcgcca gcagccggta ccggcaacca      60
cgggcagctc tcagggaatc tccgtcgtga ggccagaggg tccagtcctc gcgagtcacg      120
atgcctgtcc agcctccaag caaagacaca gaagagatgg aagcagaggg tgattctgct      180
gctgagatga atggggagga ggaagagagt gaggaggagc ggagcggcag ccagacagag      240
tcagaagagg agagctccga gatggatgat gaggactatg agcgacgccg cagcgagtgt      300

```

&lt;210&gt; 467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 467

```

agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttggt      60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc      120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttctctc tggccatgac      180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtctTTTTTT      240
tgTTTTTTTT agacggagtt tctactcttg tgcccaggct ggagtgaagt ggcgtgacct      300

```

&lt;210&gt; 468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 468

```

ctggaaatga aattattatt ttcacccata gtagcaataa aaagaatact cagtaatacg      60
tatggaatac tacttagtca taaaaaggaa tgaaataatg gcatttgcag caacctggat      120
ggaactggag accattattc taagtgaagt aactcaggaa tggaaaacca aacgtcgtgt      180
gttctcactc ttaagtggga gctaagctgt gaggacgcaa aggctaaga atgatacaat      240
ggactttgga gactcagggg aaagggtggg agggcggtga gggataaaac agtgcacact      300

```

&lt;210&gt; 469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 469

```

gacagtacct tcccccccc tttcatggcc cattttattg tctgcctttc agtactaagt      60
atgaccgttc ctatctcaga tcttaataaa gagaaaaaaa aannnnnnnn nnnnnnaatn      120
nggccttant tgantatact ngttagcaag cgtgngngac agagagtggg gaaagctnca      180
tcattgaana tttngataaa ctttaccgac ttgagtnctg tncatntntc cctttnccta      240
aattaactag cactgnetgn aagncatttn nctgtctgac gnntntccct tccattctgc      300

```

&lt;210&gt; 470

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 470

```

actgcctcct tccacacgag tgcccctttg gccaaagaag attattatca gatattagga      60
gtgcctcgaa atgccagcca gaaagagatc aagaaagcct attatcagct gctctgctca      120
gttagtTTTT attcccgggg taccaagcag ctgcacagtc ggtgcctggg aggcacgtag      180

```

```

aggccccctgg ctcaggcaga gggagatggg tagactcttg cagggctaaa actctaattt 240
ggaattggaat attgtggata tcttagttaa aggccatgct tacagcttag aaatgaagcc 300

```

```

<210> 471
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 471
ttttttaaga gataaggctt tgctatgtta tctaggtggg cctaaacttc tgggctgaag 60
tgatcctcct gtgtagctgg gactacaagc atgtgccacc aatgcctggc ttctcacact 120
gttttgtaac atagatatgt gaagatgtgt attatagaat tgtttgtaat actgtagtgt 180
tgtaggcaat gtgactgtct ataggggaagt ggacagggtta tttgtggtaa atactcatgg 240
aaaacgggtca agcagttaaa agcaatcaat tatggtcacc cagcaatgca gataaatctt 300

```

```

<210> 472
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 472
agaacagggg gaagagagga agagggagct gcagggtgcc gaagagaaca gggcggactc 60
tcaggacgaa aagagtcaaa cctttttggg aaaatcagag gaagtaactg gaaagcaaga 120
agatcatggg ataaaggaga aaggggtccc agtcagcggg caggaggcga aagagccaga 180
gagttgggat gggggcaggg tgggggcagt gggaagagcg aggagcaggg aagaggagaa 240
tgagcatcat gggccttcaa tgcccgtctt gatagccctt gaggactctc ctactgtga 300

```

```

<210> 473
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 473
atttgactaa atcattgttt cacaactgaa tagtcttggt ctttttagtag caatgaaatc 60
ctaagctcct gagggcattc acctgccaac ctgaccatac tgctttcaaa agtcctttct 120
catcagtaga atctattttg gtcacttcta gtcaatgaaa aatgtaactt tttaggagag 180
aatgtttcct aggactcacc cactccattc aatgtttacat ataaaaatag gtgatcaatc 240
acaatgtcca tctttagaca gttgggttaa taaattatct ggtctttgaa aagaccgtgc 300

```

```

<210> 474
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 474
aacttaaagg tagttttaga aggaagtaca aattggcttt catcttgcaa acaatcgttt 60
tttacttcat tatcttaatt tgctttgtca ctcataaaaa ggaaaccata cctgagttgt 120
agacaatgag gaaacacttg aggcctctgc tgtgtgttct tttgttattg ttgttattgt 180
tgttactcag taacttgaat attgtttaat gtgttgtaag acgtagagtt tatctcaagc 240
tgttaaaaat ggtaatgtac aaatgtgaat agacacttat ctatataata tgggtaagtt 300

```

```

<210> 475
<211> 300
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 475

ttacttttga	ttgtgtctga	tgggaactga	gttgttggcc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttattttttaa	acactttttt	tcataatata	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

&lt;210&gt; 476

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(293)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 476

tcatattagt	gttgccanga	gcaaaagggtg	gggnagggtgt	tgactttnan	agcacagnag	60
naanttttcn	tgttgttgtt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggtt	aaatcatttg	ttcatttcctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagatata	ggc	293

&lt;210&gt; 477

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcac	aatttgtaca	60
tagttagggt	catttggttag	tttgtattcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagtgtt	tattattaag	atcacctctg	gattgactgg	240
ccaagcatth	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

&lt;210&gt; 478

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 478

aagccaggag	cgaggggact	aacagcgcac	cccctccacc	agtgcgcagc	gaaaccccgt	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaatgt	atattttttc	tttaacataa	aagttttaca	tataccgtaa	aacaaaaggc	180
tcaggaaaat	aattttccaa	aaaaaggaag	aaaaagaaac	ctgaagtttt	gaattaaagc	240
tgaagacatt	tttttaaac	ctgttgttga	accagtgtgact	tttttttatt	gtgtgtgatg	300

&lt;210&gt; 479

&lt;211&gt; 231

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 479

cctcccagggt	tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctgcagggtgc	60
ccgccaccac	acccggctta	ttttttgtat	tttttagtaga	ggtgggggtt	cactgttagc	120

caggatgggc tccatctctt aacctcgtgg tccacccgcc tccgcctccc aagggtgctgg 180  
gattacaggg gtgagccact gcgcctgggc ttgggttggt atactggggt c 231

<210> 480  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 480  
gttccccctct tcttgtaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60  
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgcag 120  
ccgctgggta agggtagatgc ctacgctggc ttattgcacc ttccttttgg cggttggtct 180  
gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggtgggcc taataactgc 240  
tgttgctact ccactctcct aggcgtgtgc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481  
<211> 300  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(300)  
<223> n = A,T,C or G

<400> 481  
gtgatcacaa gggctccttg ctgtggaata gtgagggtgt tgagtcagag gcagagtgat 60  
gcaatgactg aaagactttt ccagccatct ccggtcttgn atnccgaagt cggctcatgag 120  
ccagggnttg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctcccttgg 180  
agcctccaga agggatgcgg tctgccaac cccttgtcag tgagccnttt cagatttctg 240  
acttccagga ctgtaagana atnanccttg cttgtcgaac ggnttcagan ttcaanact 300

<210> 482  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 482  
cctacttatt ggatgttggc tctttggtgt catggagatg gctttactgt aggtttgttg 60  
tgttgcatga cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120  
attaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180  
ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataattgctga 240  
caaatgtcag ttacgtttgc aaaggagtgt atgggtctag gtatttgcct actgttaacc 300

<210> 483  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 483  
gggtgcagtg gctcactct ataatcccag ctttttgga gtcctatgca ggaggattgc 60  
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120  
agtaatatga aaatttttaa agtggtataa actgtaaagt atattttact ggtgttttct 180  
tctttattcc tacttgtag atgcaaatac acatttttgt gtgtttgtgt ttagtaatta 240  
taagtataca tatttcttct atttcatata tttctatgac attatatctt agatgtgtaa 300

<210> 484  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 484  
 caaagaggta cagagtgaag acagtgtcct cctgtttgtt attgcatgga cgatcacgga 60  
 aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120  
 atggggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180  
 cacaatatat gcagctctgc cctttgtcag acaagctggc ctatattcca tcagtttacc 240  
 caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctccta 300

<210> 485  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 485  
 gtgaggctct cttaaaaaat ttaaaaaatac tgaagaaaca aagggaggag tttgtagaat 60  
 ctggagtggg ggaacttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120  
 ttccaaaatt agtctataga aaaaaaaaaag aaaatcttaa cccaaataag agactgaggc 180  
 aagagcttca atcaatcgag gtttactgag ccagagttag agcgtgcccc ggaaagcaac 240  
 acaagtcaaa gaaacgtctg tggcctgtgc tctcccaaga agttttcagg aggtcaata 300

<210> 486  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 486  
 cattaataac acacaagact tcaattgctg ggtcctccat tgattaatga aaaaatgatt 60  
 gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120  
 tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180  
 aaagcacgtc ttactaaaa atacaaaaat tagctgggcc tgggtggctca tgctgtaat 240  
 ccagctact tgggagtctg aggcgagagg atcgcttgag cttgggaggt ggaggttgca 300

<210> 487  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 487  
 gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60  
 gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataattcttt 120  
 aaaaatcaag aattaattgg atttaggaat ataactgtgt gtataacaag ttaagagaa 180  
 atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaagggtg 240  
 ggaggatgtg atttggaaga acagcatggg gaggcacag ttgtattgta atgtttattt 300

<210> 488  
 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (271)

<223> n = A,T,C or G

<400> 488

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aancnangtn atnncaaggg tnattggntg nggaatagng aggtggatga gtcagaggca      60
gagtnatgen nnnnntgaaa gacttaacca gccatcacgg gctttgaata cggaagacgg      120
tcattgagcca gggaatgcag gcaggctctg ggagctgaaa aaagcaagaa aatggattct      180
cccttgagag ctcagagaagg gatgcggtcc tgccaacccc ttgtcagtga gccatttcag      240
attcttgact tccaggactg taagaaaata a                                271
```

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

```
aagacctgca gcttcagcat cacttgagaa gttgttagga atgcatacta gtgggccccg      60
ccccagaca tagtgaatca gaaaccaaca gggaggcgcc tagcattgtt tttttaacaa      120
gtgctgggtt attctgatgc acagtctagt ttaagaacca ctactttggg taaacgtttt      180
gactgtttaa agtttatggc ggtgaagtgg gcatcttcaa agactagtac ttacacagtt      240
tagaagattt caaggtactg ctgacagtag tttattatgt cagtatacat acgtgtagag      300
```

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 490

```
gcactgtggc gctcacctgt aatcccacca ttttgggagg ctgaggcgga ggaccacctg      60
aggcaaggaa ttcagaacca ctctgggcaa cataatgaca ctaacaaaga ctatctctaa      120
tcaaggctag aaccaaggga aggctaataa ttgccagta ctgtgcatct actgaaagcc      180
ctaccaagg ccaccannnn nnnnnnnent ctntntatg ncnantcnga aanaacngna      240
acnttcacnt tnttgactga cgactgtcna cncat                                275
```

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

```
tgatgcctta gtcacttggc cacacagttt tgtggtttac gagtcattgg aattgcttgt      60
cttactctga ctgctaaagt tctgtcctat tgtcttttca tgtaatagca acatgactct      120
gatgacaaag cccaactaat tacacaactt aatttaatag tttaaagcgc aaagggcatt      180
ccctgagcag taaaatcttt tgtttggaat ttttaaaaca aatttatatt tactttatgt      240
tttatattta cgtaataagt atttacaaga acacaatttt ctcaagattt aaactgctca      300
```

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

gtcaactctc	cttggtgagt	gcctcagaac	ttaggaaaag	agaacagcgc	atgtctctct	60
catgaagatg	acagaggaca	aaagcaagca	gaaatataca	aggatttgcg	tactctatta	120
tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aatagggtcc	tgcaataata	ttgccccttg	agtatgggtg	240
ggcttgtagc	ctgctcagtg	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

&lt;210&gt; 493

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagttttgga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtgc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gtttttggaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

&lt;210&gt; 494

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 494

gtcactctgt	caccaggt	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aaagctgtcat	cccgttttgg	cttctcaaag	tgctaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgttttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctattt	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgtttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

&lt;210&gt; 495

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatggtgctg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	aggggcccgg	gccttttacc	gcagctacac	caccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

&lt;210&gt; 496

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 496

gttatgaaaa	attattccca	ggtcctaagt	tcactctag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttgttcc	tctcattttt	tcacttttg	120
agcaagaagg	tcacatggca	gttaccctct	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	accaggaaa	tttcatctgt	acctgcacct	300

&lt;210&gt; 497

&lt;211&gt; 300



&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccatcccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtggagac	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtctttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

&lt;210&gt; 498

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 498

gcaaccttcg	cctcctgggt	tcaagtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcatt	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgccc	agcctgattt	cttttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atgggttttg	gtcgtcttta	300

&lt;210&gt; 499

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 499

cttaacagag	aaggtagctg	aggctcaaaa	aggatgactg	acagtcctag	tggcagaatg	60
gaggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctc	cgctgtaat	cccagcactt	tgggaggctg	aggtgggtgg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

&lt;210&gt; 500

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 500

gggctgacct	taagataagg	agatgatect	ggattatctg	ggtggaccca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgagggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcatg	agccagggaa	180
tgcaggcagg	ctctgggagc	tgaaaaaagc	aagaaaatgg	attctcccct	ggagcctcca	240
gaagggatgc	ggtcctgcca	accccttgtc	agtgagccat	ttcagatttc	tgacttccag	300

&lt;210&gt; 501

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttcgg	gtctacctga	tgcatgatct	ctacagttct	gagaagcaga	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattgggg	gtgagggggg	240

gcataatgtat gtctatgaaa gcctaatacat ttctggggcaa tgatgtaaag gttttacgac 300

<210> 502  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (260)  
 <223> n = A,T,C or G

<400> 502  
 caccatcgaa tatttttatt tattttgaga gacagactct gtcacccagg ctagtcttaa 60  
 actgttggtg aatcttaagt gattctccca cctcagcctc ccaaagtgtt gggattacag 120  
 gcatgagcca ctacccttgg ctgtgatcaa gtatttagtn nnnnnnnnnn nnnnnnntaa 180  
 atagtctgaa gtagagaaaa tagcacccaa tctaanataa ggtgaggtct anncaettat 240  
 ttaannctnc nttntnnct 260

<210> 503  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (294)  
 <223> n = A,T,C or G

<400> 503  
 gctatgctaa acagccttta catgtatggt ctgggttaaag ttcccttgtt ccttttgttt 60  
 taataaaatg tgtcactgat tttttagctc aaaatcatca ctgttaattt ccagtcaccc 120  
 caaatatggt taaaagattt ttttttttaa tcatgaagag aaaattagta gcatttcctt 180  
 ctctcccat tatttattgg ttttcctcac taatcttttt ttttttannn nnnnnnccaa 240  
 aaatattnat ctnggtttna cntttnaatt nccntnctta atnggaattt tttt 294

<210> 504  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 504  
 cagaacttca cagcagcctg tctcatcag caacccaacc accttcatca gcaacccaac 60  
 caccttcate agcaacccaa ccacctcgtc agcaacccaa ccacctcgtc agcaaccag 120  
 ccaccttcat cagcaaccca accacctcat cagcaaccca gccaccttca tcagcaaccc 180  
 aaccacctca tcagcaaacc aaccacttct atctgcaacc caaccacttt catcagcaac 240  
 tcaacacctt catctgcgcc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 300

<210> 505  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 505  
 gccagctac gatctatatg ctgtcatcaa ccaactatgga ggcattgattg gtggccacta 60  
 cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgacg tgggctggcg 120

```

cttgtttgat gacagcacag tgacaacggt agacgagagc caggttgtga cgcgttatgc      180
ctatgtactc ttctaccgcc ggcggaactc tctgtggag agggccccca gggcagggtca      240
ctctgagcac caccagacc taggcctgc agctgaggct gctgcagcca gggactaggc      300

```

```

<210> 506
<211> 276
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

```

```

<400> 506
ccaagtntnc ancanccacc aaanggnttn nccgnatgtg gtccttatac acaatanagt      60
gntantcacc catacnaaaa gaatgagatc ctatcatttg caataacatg gatgaaacta      120
aaagtcattg tgntatgnga aatnagncag gncagaang tcanaatatc acgtgttggtc      180
tctctntctn taggannnnn nnnnnnnaag ccattctgaac tgacagagat ggagaatgga      240
aggatgggta ccagaagttg gtggggaagg ggggaag                               276

```

```

<210> 507
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 507
aaaacacaca cacacacaac acaatgtttt cagcctgtga aacctagcac attgggaagc      60
caaggtggga ggattgcttg aggccaggag ttcaaggctg cagtgaagcta tgattgcaca      120
ctgtactcta gcttgggaga cagagtgaga cactgtctct aaaaaaaaaa aaagtttttg      180
aaccttaaaa tactttgttt gaatttctaa tcattcattca aaagagcagt aaaaaatggt      240
tacttgttct tgtacaagct actaattaga ctatagtagg atatttttaa gagctgaatc      300

```

```

<210> 508
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 508
tgaagccagg aaaggggggtg ggctaggggg tgctgtttta ggtagagtga tgggaacagc      60
cccactgagc aaacttttagc cacatgagta gctggaagaa aagccttcta ggaccaggga      120
acagcaagtg caacagccct gagacaggat gggcttggtc gtttgaggag cagtgggagg      180
cctgaaccag gttacatggg gccagccag tatggccacg actttgtgtt ttatccagag      240
taciaaggag cctcactgag ggacaaggga agtggcatga tgtgaccgcg atattaagag      300

```

```

<210> 509
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 509
gcctgggaaa gcgtggcgcc catgaatata cgcaggagca cgcattgacct gggggccatg      60
gacggatggt tgtacgccgt ggggggtaac gacggtagct ccagcctcaa ctccatcgag      120
aagtacaacc cgaggaccaa caagtgggtg gccgcatect gcatgttcac ccggcgagc      180
agtgtgggtg tggcggtgct ggagctgctc aatttccgcg cgccatcctc cccgacgctg      240
tccgtgtcct ccaccagcct ctgaccacc taccaccaga ggctgcagc ctcccatg      300

```

<210> 510  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 510  
 tgcaacatca ctgatatcag catcctttaa aatattatct gcttcttggt ctaagagcaa 60  
 caaagctggg aattccttat agagttattc acaatgcctc cataatgaat gctgtaggct 120  
 gctgtggttt acagacatca aagtaaagga gcagtctttg gaaaatctaa tcaaggggaag 180  
 gaagatctat gaacctccac ggtatatgag tgtaaaccac gcagcccagc agcttctgga 240  
 gattgttcaa aatcaaagaa tacgaggaga agaaccagca gttaccgagg agacactttg 300

<210> 511  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 511  
 gtatcacctg agcaaactctt ttaaattata cattctgtga tatttccttg actttcttat 60  
 ccagcacttg tattgattat ttttcatttt gataatgttg ggtttttaaa aactccttta 120  
 tgatggaaaaa tttcaaactat acacaaaagt agagagagaa tgggtataata aaccactca 180  
 gttttaagga ttgtcaacta ataccagttt tatttcattg atgactccaa caacttcccc 240  
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

<210> 512  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 512  
 gggcatgggg ccaggaccag gggagaggca cagctccttc ctgagcagcc tctcaccact 60  
 gccacaaggc tccctaattg tggctctctg tccactcccc ggcttcccgt gaggcaggag 120  
 gcagagccac agccaaggcc ctgaccactt ctgtgccagt tgtctaagca gagcgctca 180  
 gggacgctgg aaatgcctta aggatagagg ctgggcatca catcaaatgg gactgtggtg 240  
 tttggtgaaa accttctga ggatctggat tcaggacctt ccatgactgg cctatttact 300

<210> 513  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 513  
 cgaataaagc agaaaaggag agatcgctga aggaaaagtc tccgaaagaa gaaaaactga 60  
 gactgtacaa agaggagaga aagaagaaat caaaagaccg gccctcaaaa ttagagaaga 120  
 agaatgattt aaaagaggac aaaatttcaa aagagaaggg agaagatttt taaagaagat 180  
 aaagaaaaaac tcaaaaaaga aaaggtttat aggggaagatt ctgcttttga cgaatattgt 240  
 aacaaaaatc agtttctgga gaatgaagac accaaattta gcctttctga cgatcagcga 300

<210> 514  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)

<223> n = A,T,C or G

<400> 514

agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	60
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatggttg	120
acatttttat	aacttcctta	agtgagtagt	taaaaccagca	gtcttaattc	tgttggtctt	180
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	ccccacaact	gttgggtttt	240
tctttctttt	tttttttttt	nnnnnnnnnc	tncnnaaaaa	ancnccccgg		290

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 515

anaaggcgca	ngaagcagaa	gcgcagagcg	aggacgacga	cgaggatata	gaagaggaac	60
aggggggaaga	aaaggaaaag	ggagcgaggg	agaaaaggag	ggggaagaga	gtccgttttg	120
cataagatga	agaatagagt	gaaaattcct	cggaggacgg	tgacataacg	gataagagtc	180
tttgtggaag	tggtgaaaag	tacatccac	ctcatgtgag	gcaagctgag	gagacagtgg	240
acttcaagaa	aaagggaagaa	ctagaaaggc	tgaagaaaca	tgtaaaagggt	ctacttaaca	300

<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

gctatctgaa	cacagtggaa	agatgggacc	ctcaggctcg	ccagtgggaat	tttgttgcca	60
ctatgtctac	ccctaggagt	acagtagggtg	tggcagtact	aagtggaaaa	ctttatgcag	120
ttgggtggctg	tgatggaaagt	tcttgtctca	aatcagtaga	atgttttgat	cctcatacta	180
ataagtggac	actgtgtgca	cagatgtcaa	aaaggagagg	tggcgtagga	gtgacgacct	240
ggaatggact	gctgtatgct	atagggggggc	acgatgctcc	cgcacccaac	ttgacttcca	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

ggaaccatga	gaaccgaagc	tagaattgct	attgaattac	tttattttct	cttcccttat	60
tgggttagaga	tacatcatta	ctggcctcag	gggtttaccc	aaagaaagggt	tatttttgag	120
caaataatgt	gatttccttg	ctattttgtt	gggggcttaa	gatttttttt	tttcaaagtc	180
atttttagtc	actaaaaatt	aactgtcgta	ccatctagaa	ctatactgtc	cagtaccata	240
gcctctagcc	gtatgtagct	atttgtatta	agattaattg	aaatttttaa	tccagttcct	300

<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

```

ctcagacaaa gaaaccattg aaattataga cctagcaaaa agagatttag agaagttgaa      60
aagaaaagaa aagaggaaga aaaaaagtgt ggctggtaaa gaggataata cagacactga      120
ccaagagaag aaagaagaaa aggggtgttgc ggaaagagaa aacaatgaat tagaagtgga      180
agaaagtcaa gaagtgagtg atcatgagga tgaa                                     214

```

```

<210> 519
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 519
agcaattcca ctcttagctc caccacaggg aattgaaagc aaagacgcaa acagatgcct      60
gtgcacccaaa gttcacggca gcaccccttcg ccatagtggc agcatccgtc gtcacagcgg      120
catcatcctt catcatagcg gcagcatccg tcgtcacagc ggcagcatcc ttccgccacag      180
cggcagcatc tgtcgtcaca gcggcagcat ccttcgccaa agcggcagca tccttcgtca      240
tagcggcagc atcctttgcc atagcggcaa ggtggaaacc ctgtccatcc actgaggcgt      300

```

```

<210> 520
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 520
caccgccagg ccagctgtca ggaaacaggg gctctagccc cagcttcacc acttaggagc      60
tatggctttg ttcagaaaca ttgtgactct cttaccaca cattcctctg ctggaagggg      120
agattgacaa accagcatca tctctaattt actacaaaag cctcactgg aaattattct      180
taacttagca gctggttaga tccattaaaa aaaaaagtaa gttagactgt gttactctgc      240
tgctcaaagc cctgcagtgc ctctcattt tacctagcgt aaaacctaaa gtcctttcca      300

```

```

<210> 521
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

```

```

<400> 521
cacagttctg catggctggg gaggcctcac aatcatggtg gaaggcaagg aggtgcaaaa      60
gcattgtctc catagtggca aggcaggaga gagcatgtgc aggggagctc ccatttataa      120
aaccatcaga tctcatgaga cttagtcact accacgagaa cagtatgggg ggaaccatcc      180
ccatgattca gttatctgca cctggcccca cccttgacac ntgggaatta ttccaatgcn      240
nggtganatt tgnntngnna nntttncnna                                     270

```

```

<210> 522
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 522
attgaaggca gagaaggaag ggaggaggga atgattcaag gccaaaatgg ccacatttag      60
aagatacctc agatgataac cattgttatg tgtgtgcaat tttatttaac agtgctgtgt      120
atgtgggtgga caagttatat gaaatatcta gtctttctag atatttgga gtgcttgatg      180
tatttaaaag tggtagtaga ataacacttt gtaaatagct ttaaaaaact gatgggaaat      240

```

gctgttttga agtgggaattg ttgaaccacc tgggaggtgg gagggaagaa attgcaaattg 300

<210> 523  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 523  
 tgaagaatgg cgtgggttgg ttcccttcaa atgcacttga gcagcgggtct ccaaccacag 60  
 ggccacagag ctggaggtga gcagcaggcg agtgaaggga aacttcatct gtatttctag 120  
 cccctcccat cgcttgcattg accacctgag ctccatgtcc tgtcagatca gcagcagcat 180  
 tagattctca caggagcaca aactctgttg tgaagtgtgc atgcgaggga tctaggttgt 240  
 gtactcctta tgagaatcta atgctgata ttctgttact gtctcccatc accccagatg 300

<210> 524  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 524  
 caagaagagt tttctgttca gtttggaaaca agattttgag aagacattta ggatgtacta 60  
 gtttgagttt ttaaagtgtat atttgagata tttctcacaac tttctctttg ggtctgtagc 120  
 taaaatatgc agtataatgt tatattttatt tattttttaa gagatggggg ctagctattt 180  
 tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttggcc tcctgagtag 240  
 ctgggactta cagacatgtg ccaccaaacc tagtggttat ataattttta aaaatattct 300

<210> 525  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 525  
 gccacacggg cccgcacat ccttgcaatc tggttccgct acgacctcag ccccatcacg 60  
 gtcaagtaca cagagagacg gcagccgctg tacagattca tcaccacgat ctgtgccatc 120  
 attggcggga ccttcacogt cgcgggcac ctaggactcat gcatcttcac agcctctgag 180  
 gcttggaaga agatccagct gggcaagatg cattgacgcc acaccagcc taatggccga 240  
 ggaccctggg catcgccagc cttgcctcca gtgcctgtc tcctttggcc ctcaatctgg 300

<210> 526  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 526  
 ttccctccct cctccttcca ttctccttct ctccttctcc ctcccttttc tctacctcc 60  
 tttgactaag cctccctccc ctactccctc ctttccctcc ttccttcctt cttctctatc 120  
 aatataatca ctttgtttct ttcaggtgag atcggaactg aactgttcgg ctgcgaccag 180  
 aaattttatt tctgagtaa attgcgaga attaagaatg aagagggcca tttgcatctc 240  
 cttaaattat tcagttacct gctttattgc tccatgtgga aaacttaaaa ttgttaagtt 300

<210> 527  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 527

```

atccagagaa atgatgtgcc ttgtgttaaag ttgtgggttag gaagggacag agccaggact      60
ctaaattctg tcttcgggcc ataattccaa aactttctcc aatgttaggt atgtaggcta      120
aaatgtgcta acagcacttg tgtttttggg tctttttggt ttacttttta ttatggcaaa      180
tttcaaacat atacagatac agaatagttt aatgaactcc catgttctca tcatgccagt      240
tcaaacatga atacatgggc aaccttgtat cacttaaact cttgcacaca agccctgccc      300

```

```

<210> 528
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (296)
<223> n = A,T,C or G

```

```

<400> 528
gtaagttatt tgtaagtta gaaccctcag tgcattggtct agggatctct ggagggtcccc      60
aggacccttt cagagaagcc atgaggtcaa aactgttttc ataagcagaa ccaaacatt      120
atgtgacttt ttcaatgcat tggcatttgc attgatggta caaaagcaag gatgagtaaa      180
atggnnnnnt ncttagcgng atcaagatgg naanaantgc acnaganaac nntgtntnct      240
tnnctgcann gngcntttta agactnccna ttcnaantaa ganancannn acggcc      296

```

```

<210> 529
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 529
aaaacactat ttacctatth tccaaggaag gaagtattga gattgacatt ccagtcccca      60
aatacttata ttctgtgagc tcacaagaaa ctgagggcgg ccccttagct cctatgactg      120
gaaccattga aaaggtgttt gtcaaagctg gagacaaagt gaaagcggga gattccctca      180
tggttatgat cgccatgaag atggagcata ccataaagtc tccaaaggat ggcacagtaa      240
agaaagtgtt ctacagagaa ggtgctcagg ccaacagaca cactccttta gtcgagtttg      300

```

```

<210> 530
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 530
aacaggaata tggaaagaaa ctgagagccg agttagtggg aaagtggaaa gcagagagag      60
aggctcggct ggcaagagga gaaaaggaag aggaggagga agaggaggaa gagatcaaca      120
tctatgcagt caccgaggag gagtcggacg aggaaggcag ccaggagaaa ggaggggacg      180
acagccagca gaagttcatt gctcacgtcc ctgttccctc gcagcaagag attgaggagg      240
cactggtgcg aaggaagaaa atggaactcc tccagaagta tgcaagcgag accctgcagg      300

```

```

<210> 531
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 531
cttagattct acctgtaaca ttttataaaa cttgctttat aacacagata tctatcaatc      60
tcatctttta atttaatttt ttttttgcaa cagagcaaaa cccagtctcc aaaaaaaga      120
aaaaggaaaa agaaatgtat tttaaattat catgctttta gctatttact tatgagcctt      180

```



tataacagat ttttcatagt ctgccttcta tactcccagg gtgatggtct ggggaagggg	240
gagctaggac ctgtctttcc ttgggtctta tcaccacctc ttccaggggc tgctccttcc	300

<210> 532  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 532	
aatagtagaa aggggtcccca ttctgtctca gcaccgcacc tctctacccc cccacagaca	60
cacatgcaga cacacacatg cagacaacac gcagacacac acatgcaggc actcacatgc	120
aggcccatgc acacacacgt gcacacacat gcagagacat gcagacacgc aggcacacat	180
gcacacatgc aaagacacgc atgcaggcac acgcagacgc acacagagac acacatgcag	240
atacacatgc acacacacat acacacactg gcccctgttt ttctgtgggtg tcactgggtg	300

<210> 533  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 533	
gattttacgg tttttgatgg gattattcaa gtgtcagaat taactgttca aaatgttctg	60
aatcatgtag atacatggca ggtaactggt tatgggagaa aagtacagtg ctgttacgtg	120
gcactgtaca gtcattgtgcc acgtaacagc gtctgggtca gtgacggaca cttacctgac	180
agcggatcca caatattctc gtgcagtgtg ttgggaatcc tgggtctgggc tctcgtcgtt	240
ggcctttagt atcaagtagg ggaagtgagt gatgttcagt catgctgctg ggacacttgg	300

<210> 534  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 534	
gcctggccta aatgaagtac cacatgaccg accgaccgac ctggggaaca tagcaagacc	60
ccatctctac aaaaatgtaa aaaataaaaa ttagccgggt gtagtggtac atgcctgtaa	120
tcctagatac tcgggaggct aaggcagaag gatcacttga gccaggagt tcgaggctac	180
agtgaagctg gatcgtgcc ctgcactcca tcctgggtgg cagagtgagg ccctgtctca	240
aaataaataa tccagtcccc cccaagaaag gaatgaagtg ctataatgag aaaaatccta	300

<210> 535  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 535	
tggacggcag agcccaagtt tcaagctttc cctgtccagt ggaacgaaga ctaacctcac	60
cagccagtca tctacaacaa atctgcctgg ttctccggga tcacctggat cccaggatc	120
tccaggctct cctggatccg tacctaaaaa tacatctcag acggcagcta ttactacaaa	180
gggaggcctc gtgggtctgg tagattatcc tgatgatgat gaagatgatg atgaggatga	240
agataaggaa gatacggttac cattgtcaaa gaaagcaaaa ttgtattcat aataatggca	300

<210> 536  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 536

agtgcacgca	gccccagccc	acggggcgact	gacagctctg	caggagagat	ttcaacacca	60
ttccacactg	tecaggcctt	aactgagagg	gacagaagac	gctggaagga	gagaaggaag	120
cgggaagtgt	gcttctcagg	gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	180
caacttgcaa	ttcagggggc	atgtcccagt	gttttttttg	ttgttttttag	atactaaatc	240
gtcccttctc	cagtcttgat	tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	300

&lt;210&gt; 537

&lt;211&gt; 267

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 537

tttacatttt	gtttgaatca	ggatccaaat	aaggtttaaa	tattgcaatt	tgattaatac	60
attaagattc	ttttaatcta	taagtctctg	ctccatctgt	catttttattt	ttatcccttg	120
aaattttattt	attgaagaaa	ctatatcctt	tgctttgtaa	aattttccac	agtggtggctg	180
gctttggctg	attgctagcg	tcatttgcta	tttatttttg	tcctgtatct	tggatctggc	240
gccttgatca	gatttaagtt	gatttttt				267

&lt;210&gt; 538

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 538

ggtttttgat	gggattattc	aagtgtcaga	attaactgtt	caaaatgttc	tgaatcatgt	60
agatacatgg	caggtaactg	tttatgggag	aaaagtacag	tgctgttacg	tggcactgta	120
cagtcattgt	ccacgtaaca	gcgtctgggt	cagtgcagga	cacttacctg	acagcggatc	180
cacaatatcc	tcgtgcagtg	tgtttggaat	cctgggtggg	gctctcgctg	ttggccttgt	240
agatcaagta	ggggaagtga	gtgatgttca	gtcacgctgc	tgggacactt	ggattttccag	300

&lt;210&gt; 539

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 539

accagaagga	agaaggatta	ctaaattaga	tcagattttg	ctaaatggaa	ataatataac	60
aatgctgggt	cctggaggag	aaggacctga	agtgtgaatg	agtttccttg	acttacacta	120
gattttgttt	tggtttataa	tgacaagaaa	atggaaattt	ttttccctct	ttctaattgt	180
taaatcccat	aaagctaagt	ttcccgttaa	aggggaagtgc	tttgaagatg	tgtacccatt	240
tttgtaagtt	aatcatgatt	atcctggaaa	aagaagaaaa	gagcttcttc	tttgcagaga	300

&lt;210&gt; 540

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 540

gnnctataga	atacaagcta	cttgttcttt	ttgcnnganc	ccatcgantc	ggaattatag	60
tattgacgtg	aatcccactg	tggtatagat	tcataatat	gcttgaatat	natgatatgg	120

ccattttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tcgtgttatg	gaaaaaagtg	caactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcataatttgg	gctattg	297

<210> 541  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 541						
aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaactgga	agtgtctctat	gtcctctgcg	tgctgctgat	ggggcgtcag	120
cgaaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccttggaact	taataatttg	180
tttgacaaac	tgatttggag	gaagcattca	gcactctgcc	ttgtctctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagataca	gtttttgagg	cttcttcaga	300

<210> 542  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 542						
gactgtgtgt	gctgggtgtg	gtgtgagttc	tacgttttcta	ccatatgtga	tcagtttaat	60
agtaacttta	tttattttaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaagg	120
tgtttatttt	taccttttag	aattggctct	atgaagaagt	agaaagtgag	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttggtttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacatc	atatatatac	atatatacat	aatgtgctta	300

<210> 543  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 543						
ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attgttggtg	gtgcagtggg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaatga	ctaaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 544						
gtctctgcaa	aagacccctc	cgaccagagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccgggag	aacaacctgg	cctcaggagg	agagacgcta	ccgggcttac	gccacccctc	120
ctcctcaaca	caagcccaaa	ctgctacccg	cgagggtgcaa	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcagggtgg	ggtgcgagtg	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaataca	agtgcagtg	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacggggccg	240
ttccatggac	atagatgact	tcattcagatt	gctacatgga	ttcaacgcag	aagggtattca	300

&lt;210&gt; 546

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 546

gaaaggacag	tgctacttgt	atatgaaggt	tatagaacga	gcggtttttc	ctcggcgtct	60
ctgggaacgg	gtccggctta	gtaaaaacta	tgagaaagca	ctggagcaaa	tagatgaaaa	120
tctgattttac	tggccccgtt	tcattcgaca	caaattgtaag	cagagattca	ccaagatcac	180
ccaataccta	attcgaatta	caaaacttac	actaaagcga	cagaggaaac	ttgttccttt	240
gagtaacgaa	ggtggagcgt	agannnnnnn	nganganang	aaaaggcctt	nttagctg	298

&lt;210&gt; 547

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 547

agtaaatgat	aattgtgcca	ctgcattctc	acctgggtgg	gtgacaaagc	aagaccctgt	60
ctccaaatat	atgtatgtat	gtgtatatat	atatatgcac	acacacacac	atatacacac	120
atatatatat	tctgaatata	tatattcgtg	actccccgaa	ataaattcag	tttatatata	180
tgtaaaataaa	ttctgaagac	tctacatgtg	tgtgtatata	tacacatata	tttttgtatt	240
aacgttaata	gtaatatata	catgagttca	gggtatttagc	cagttctgtc	tttcgggatg	300

&lt;210&gt; 548

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 548

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gacctgagga	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaattgtct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

&lt;210&gt; 549

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 549

tctccttgcc	tttctcctga	aaggatgag	actacttgcc	ttactgtcat	attattgagg	60
gaatcagcgc	aaagcctgag	gaaatgaaca	gtagctgtgg	gtcaaagcca	tgtctccagg	120

```

ttcacggctc actccccag gacaagccta gttaggtagt ggctgcatct ggtatccctg      180
ggacagaaat gcaggtgaga gggggatatca agaatgcctc gagcctctag aactatagtg      240
agtcgtatta cgtagatcca gacatgataa gatacattga tgagtttggg caaaccacaa      300

```

```

<210> 550
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 550
gaaccaagaa aatattttaa aatctaagca gtcctttgct cattaaagga taaatcagta      60
gttaacactt tttctacaaa gaaatgggtg gcctggatgg tcgtgtaggt gagttttacc      120
aaggattatg gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag      180
aagacctcat aaatggagag agatatatca ttaatggata ggaagcctca atggcataag      240
tatgtcagtt tctttcaaaa ctacacctat gattcaatgt gattccaaac caaatcccaa      300

```

```

<210> 551
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 551
gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt caagcctgta      60
atcccaacac tttgggagac cgaggtgggg gtatcgattg agcctcggag gtcgagatca      120
gctgggaaa cacagggagg ccccatcgcc taaaaaatat tttaaaaatt agccaggtgt      180
gggtggcttg gcttgttgct cgggtactt gggaggctga agtgggaggg tggcttgagt      240
ccaggagttc actgcactga gctgtgatca caccactgca ctccagcctg gacgacagag      300

```

```

<210> 552
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 552
cgcaaactgg ctaatctctg ntananaact atgatntncc ccatnatggt gatannaggg      60
nccttagggg gnanatngna aaaaacctnt gaccnangcn cnnatganc aangnnttgn      120
tactccacgt gtaatgentc ncaaacnttg ncntatngct ctgaanacnc tncgcgacca      180
ngaanaatan anaagannct gnanannatg ctanantttt ggccnanana atgaacgagg      240
ctaaagagat tcncctggan cnaannntg aatagantca tactttcctn tctgctagct      300

```

```

<210> 553
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (297)
<223> n = A,T,C or G

```

```

<400> 553

```

```

aggaagttga agctgcaatg ggctatgac gtgccactgc accccagctt gggccacaga      60
gcaagagcct gtctcaggaa aannnnnnnn naaaantcca aaantanttn gnangttcca      120
aattgcnnge cnttctgana aangnaatac gancnaatct tccacntctn tactcctcc      180
cacctaanat gngaaccctn ttgncctann ggntccaaac ngnatnnget acttgngngt      240
tagaatcaa ccanngatan cagggnanct tttaacgnag gagtgccttn ntgggta      297

```

```

<210> 554
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 554
ttattcaagt gtcagaatta actgttcaaa atgtttctgaa tcatgtagat acatggcagg      60
taactgttta tgggagaaaa gtacagtgtc gttacgtggc actgtacagt catgtgccac      120
gtaacagcgt ctgggtcagt gacggacact tacctgacag cggatccaca atattctcgt      180
gcagtgtgtt tgggaatcctg gtctgggctc tcgtcgttgg cctttagatg caagtagggg      240
aagtgagtga tgttcagtca tgctgctggg acacttggtt atccagatga aaacacataa      300

```

```

<210> 555
<211> 273
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

```

```

<400> 555
ctctatcttg tttattgttg atgccatctt agaggaaaaa atgtaaaggt aagtaattaa      60
gcatatgaca gcaacaaata agatacttat aacctaatgg gactttattt ttagtattta      120
tgtattacaa aaaatccacc tttctctaag ggaagtttgt accccattga ttcttggtgc      180
ctttgggata gactgggttt taatggccta gttatttgag gattttgctg ngntgtnnnc      240
atggncntnn ngatnnccct ngangann nnc      273

```

```

<210> 556
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 556
gtgccatctt gctatgtttc ccaggctggt tttgaactcc cagcctcaag caatcctccc      60
tttccgcctc agcctcccaa gtggctgggg ttatgggcct gagccactac acagctaaga      120
gtgtcttgta tgtgctaatt agatggctgg tgtctgagag cccctagaga gcttcaagat      180
gggggctagt ctttagaaaag tccaagcaat ggctaggtat ggtggccact gcctgtaatc      240
ccaggagttt gggaggccaa ggtggacaga tcacctagga gtttgagacc agcctggcca      300

```

```

<210> 557
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 557
ttctcagata cctgatggat ccagacacat tcactttcaa ctttaataat gaccctttgg      60
tccttcgacg gcgccagacc tacttggtgt atgaggtgga gcgcctggac aatggcacct      120
gggtcctgat ggaccagcac atgggctttc tatgcaacga ggctaagaat cttctctgtg      180

```

gcttttacgg cgcgcacgag gagctgagct tcttggaact ggttccttct ttgcagttgg 240  
 acccggccca gatctacagg gtcacttggt tcactcctcg gagccctcgc ttctcctggg 300

<210> 558  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 558  
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60  
 ggcccccccg aggtcgcagg cgcgggtgag gaagtcgac atgagcgtgg gctgcgccag 120  
 ctgcggcagg atggcgatcat gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180  
 cttgtgcttg aggaagctga gccacatggc ctggaaaacc ctctgtgct ccttcagggtg 240  
 agcaacctct cgtgccgaat tcgaatcgat gggatcctgc aaaaagaaca agtagcttgt 300

<210> 559  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 559  
 gaaaacatct aactaagatg gtttcactgg tgaattcaat caaatattta aggaacacat 60  
 aataccaaaa ccataacaca taaaaatata tggcccttca gattttgtac ttctttttgt 120  
 gtcagtgtta ataatacgta tctttcaaag aatatcccc tttttttttg gtagagatag 180  
 ggttttgcca tgttggttgt agcaagccct aacctgtca taaacaggcc ttaaataaac 240  
 tggccataaa caggatttct gcagcaatgg gacatgctca tgatggctgt catgcacact 300

<210> 560  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 560  
 acactgtccc actccatcac ccaggctgga gtccagtggg gtgatcatag ctgctgcat 60  
 cctccagttc ctgggttcaa gccatccctc ctgcctcagc ctccccagta gctggaacta 120  
 cagggtgtgt ccatacacacc tggctttaca tttttctgtg gggctctact atgttgcca 180  
 ggccgggtct aaactcctga gctcaagtga tctctgctc cagcctccag agtatctggg 240  
 attacatatg tcggctaccg tgtctggccg ttcacatctt tggccactat ttgcttgtga 300

<210> 561  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 561  
 aatgagaaaag aaggaggaat ctgaagcctt gggtaaggat ttggggcaca gtaccaggag 60  
 gggggcttgg tgccagacct catgaggaag aaggattttc ctatgtacag agaaggggac 120  
 cctgtcctgt tgggaggtgc tgtgcaaacc taaccaagtt actaaccctc ctgttttatg 180  
 tgctacacaa aggggataaa tacaagcttc cctctctagc caattctatt tggctcctga 240  
 gtttggaataa gtgatagata ctgattttct atgattttat gaggacttaa ataagctcct 300

<210> 562  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 562

ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgttgtac	ttattctgtg	ctgggcaaaa	ttctggatat	120
ttttcatgta	ctatttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgcgcagg	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctccatt	gcatagtgac	ttcacgtgta	300

&lt;210&gt; 563

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 563

gcctattcag	ttcctggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttgctg	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggt	gagctccagg	ggaagactgc	ctgcacattc	240
tatccctttt	tcagttcccc	atcctgctgt	cagccacatt	taccactcaa	taaaatcttc	300

&lt;210&gt; 564

&lt;211&gt; 299

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (299)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnnaa	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctggtcctt	tctccgtctg	ctgtccgccc	gcccggactc	240
agcttctggt	tttgccgag	cggtgtctac	cgtgggtttt	ctgctccgac	ggaacctgt	299

&lt;210&gt; 565

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaatggt	cagacacgat	ggctcacgcc	120
tgtaatccca	gcactttggg	aggccgaggc	aggcggatca	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaaccagct	ctctactgaa	tgaaaataca	aaaattagct	240
ggcctagcag	ttggtggtgg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

&lt;210&gt; 566

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 566

attttgcttc	ccttgctcta	gagagagtat	caaggcccag	ggggccaccg	gcgaggtgta	60
ttgccccagc	ggagagaaat	gccccctagt	cgggtcgaat	gtaccttggg	ccttcatgca	120



```

gggcgaaatc ggcactatct tagctgggga tgttaaagtg aaaaaggaga gagacccttg      180
aaccactggg cagccacctc ctttgccta gaccagctcc tctccaatcc tgaggggcccc      240
cccccaacc caactcgacc ctccctcccc tcacccccaa ggtgtagaat tgtgaatata      300

```

```

<210> 567
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 567
tcaagtgtca gaattaactg ttcaaaatgt tctgaatcat gtagatacat ggcaggtaac      60
tgtttatggg agaaaagtac agtgctgtta cgtggcactg tacagtcatg tgccacgtaa      120
cagcgtctgg gtcagtgcag gacacttacc tgacagcgga tccacaatat tctcgtgcag      180
tgtgtttgga atcctgggtc gggctctcgt cgttggcctt gtagatcaag taggggaagt      240
gagtgatgtt cagtcatgct gctgggacac ttggttttcc agatgaaaac acataaataa      300

```

```

<210> 568
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 568
gctcttggtc tttntgcagg atccntcgat tctttaaagg aaaaccagca aataacaaga      60
aaaccattta atgtaaagat ttgtaaataa tcacttcaaa agaagtgcct tgttgctgtc      120
acatttagtc catcttcata taattcttat ctggggccagt ttcttgggca tgggacatgt      180
gcagttacac aagcctgtgc tcttaagagg gtcttaccce tagtttaaat ttctgctgtt      240
gtagtcttga aattcttaat gatttaacaa ggggtcctcc attttcattt tgcactgggc      300

```

```

<210> 569
<211> 300
<212> DNA
<213> Homo sapiens

```

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<400> 569
aagcagcttg gggctcactc cccctccacc ttgctgacca cctcatgtt cttaaatacc      60
aagtacttcc tattgaagac agtggaccag cacatgaagc tggccttctc caaggctctg      120
cgacagacaa agaagaacct ctctaatacc aaggataaaa gcacgagtat ccgggtactg      180
aaggcccttg gaatacacca gactggccag aaagttacag atgacatgta tgcagaacag      240
acggaaaatc cagagaatcc attgagatgt cccatcaagc tctatgattt ctacctcttc      300

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<210> 570
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 570
cccaggatga actggttgca gtggtgctg ctgctgcggg ggcgctgaga ggacacgagc      60
tctatgcctt tccggtgct catcccctc ggctcctgt gtgcgctgct gctcagcac      120
catggtgcgc caggtcccga cggtccgcg ccagatcccg cccactacag ggagcgagtc      180
aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttegatgag      240
ctgcgacctc tcacctgtga cgggcacgac acctggggca gtttttctct gactctaatt      300

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<210> 571  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 571  
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 aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120  
 gtatcagata aaacagactt tttaaataca caacagtaga aaaaggacta gggcattaca 180  
 taatgaagaa ggggttcaatt caacaagatt tatectatac acaccaaga ttggagcact 240  
 cagatttcta aaactattat ttctagacct aggaaaagaa ttaaaccggc acataataat 300

<210> 572  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 572  
 gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60  
 aagagaacgc accagagaga gagagaggga gcgtgatcac agtcctacac caagtgtttt 120  
 caacagcgat gaagaacgat acagatacag ggaatatgca gaaagagggt atgagcgtca 180  
 cagagcaagt cgagaaaaag aagaacgaca tagagaaaag cgacacaggg agaaagagga 240  
 aaccagacat aagtcttctc gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 573  
 ggctgcgagg ttttcggctt tggtcctga tatgcagcga cagaattttc ggcccccaac 60  
 tctcctttac cctggtecggt gtggaggagg ttggggtagc ggaagcagct tccggggaac 120  
 cccgggcggg ggccgaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180  
 cncnccaccg tacgcgccct natecnggnc ntaccgtnc aggtgctnnn naagntncac 240  
 caggccctaa ccgggggttct ggngancnc aatggccctg aangacgccg ncnagcaccg 300

<210> 574  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 574  
 agattatgag catgtagaag atgaaacttt tcctcctttc ccacctccag cctctccaga 60  
 gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120  
 tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180  
 ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240  
 aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 575

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aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatectcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttccta	cagcgcctaa	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatectgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300

&lt;210&gt; 576

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 576

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttggggaga	agctgagtca	gacccacatc	cctccccacc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccttgcccc	ttccgagtgg	ccatctatgt	300

&lt;210&gt; 577

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 577

actcgagacg	ctgaggcagg	agaatcgctt	gaacccggga	ggcggagggtt	gtagttagct	60
gagatcggtc	cactgcaccc	cagcttgggc	aacagagcaa	aactctgtct	ttaaaaaaaa	120
annnnnnnnn	nnnnnaacaa	acaancaaaa	aaaaccttat	atgggctggg	ctgggcgtgg	180
ngccttatgc	ccacaatccc	agcnttttgg	naggccagga	tgggaggatn	acttganccc	240
anaantttga	naccagcctg	ggctacana	tanggccccn	tntntacaaa	aaaaccttaa	300

&lt;210&gt; 578

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 578

ggtagactgg	ctagggatcc	tggacccagg	gttccacgta	gcaacacctg	ctgagttctc	60
tgggttttct	tcctgcctca	tgtagcccag	acttggagct	gaagaagctg	gaaacatgga	120
aacaccaaca	gctacagacc	aaaaaaagtc	ccaacaaagg	cctgtcagtc	tgccagcctg	180
ttctgtggat	ttccaactca	agattgcagc	atcaactcac	acctgaagtt	ctggcttccc	240
tacaaacttt	gaacttgcca	gtccccacaa	tggcataagc	caattcctta	aaatgaatgt	300

&lt;210&gt; 579

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

<221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 579

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aggactgaca	gctagcagca	gaaacaatag	tcacggaggt	tgagaacagg	ctgggtaaca	120
tggtgaaatg	ccatctctat	taagaatata	aaaatttagct	aggtatgggc	gcagacacct	180
gtaatcccag	ctccttggga	ggctgaggtg	nnnnnnnnnn	ttgaaccenn	gaggnggnag	240
ctgctgtnnn	cnngactcgn	nataatnactg	cacctgggng	actgcagtga	anctttatct	300

<210> 580  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 580

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ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcaggtg	ccagcatctg	ggaaggccct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaaggg	agagctaaca	tgctcccgcga	aacccttttt	ataatggcat	240
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<210> 581  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 581

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ccccacgaac	gcaaaaaaaa	aaaaaaccaa	aaccaaacca	aaaaaaaaaa	nnnnnnnnnn	120
nnnnnnnnnt	nttngnngna	aaaanggggt	ttgnncnngg	nannaaccan	tnnaantnna	180
aanntnncaa	anaggggttna	nccttntnnc	tnancttttn	aaaangtttna	tnnnaatnnc	240
cngnnaaanc	cancnnggtn	tngccntnna	aaggtnacct	aaa		283

<210> 582  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(283)  
 <223> n = A,T,C or G

<400> 582

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nnccnancn	nttttttaag	cnggtttgcc	nngggnneng	gtggnnnnntn	nggggtnttt	120
ggttnctggg	ggcnanancn	acttncctnc	cccgggccat	ncntnnnnnn	nnntgtagga	180
aagttcttca	ctttttcttc	tgagggctgg	gggttggggg	agtcagcatg	attatatattt	240
aatgtagaaa	atgtgacatc	tgatataaaa	atgaaaataa	atg		283

<210> 583  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 583  
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 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatatagg 120  
 cattgtatatt tgcaactttc ctaaacctac tagtaattct agtagctttt tttggtagat 180  
 tcttaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat tttttttccc 240  
 ttttcaaatt ttgtgccttt tattctttat tcttaccata tcacattggc aaagacctcc 300

<210> 584  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 584  
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 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtggcag 120  
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180  
 aagggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240  
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggtaagac 300

<210> 585  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 585  
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 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagtagct 120  
 gggagtatag gcacgtacca ccacaccag ctaatttttt gtatttttac tagagatggg 180  
 ttccacagtg ttagccagga tggtttcgat ctccctgacct catgatccga ccgcctaggc 240  
 ctcccagagt gctgagatta caggcgtgag tcaactgtgc cggcctcnnn atgttaggaa 300

<210> 586  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 586  
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagc gtgacatcta 60  
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 cagtgcacat tcttccttgg cctacttctc aagcttcctt ccaaagaaaac tgattggccc 180  
 tggaaacctc atccactct tgttatgact ccacagtgtc cagactaatt tgtgcatgaa 240  
 ctgaaataaa accatcctac ggtatccagg gaacagaaaag caggatgcag gatggaggac 300

<210> 587  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 587

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tgggagcaat	gtgtgagggg	ggccatctga	ggagatctgt	ggctttcttt	tgttgaggga	120
atctggetta	tggatgaatc	tacgacacag	gattgtgaaa	ttacagctct	ttgggaacaa	180
aaggaaggca	gtattgcatg	acttagtttc	ccagcttcac	ttccctttg	gcattggtgag	240
tttggggctc	tgagagtcta	ttttctttca	cacccatcag	cactgttaag	taagcaggaa	300

&lt;210&gt; 588

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 588

aaaaacctg	gtatgtatct	agaagtggaa	aaacaaaaaa	aggaaataag	ttatgaaaat	60
aaaaaccatg	tcttgagctg	ggtgcgctgg	tgtgtgccta	tatccctaga	ttctcaagag	120
gttgagacag	gaggatcact	tgagcccagg	agttcaagtc	caacttgggc	aacatgacaa	180
gacccttgtc	tctttaaaaa	agcaactcaa	accatgtctt	gaaaagctat	ttaatgggtca	240
gacacgatgg	ctcagcctg	taatcccagc	actttgggag	gccgaggcag	gcggatcact	300

&lt;210&gt; 589

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 589

cctcctactc	ccaaacaaat	ctttggggaa	aaaaaaacta	ccaactgtca	gccatggggc	60
tgacggcgct	aagctctggg	gctccgtgca	ctgacgtggg	gccagccaca	gggaggcggg	120
gatcaagtag	cggaggccag	gattttggcc	acctcccggg	caagttgcag	ggcagtggcg	180
ccgggagcaa	aagcagcatg	atgcagctca	tgacactgga	gtccttttat	gaaaaaacct	240
cctcctgggc	ttatcaagga	agatgacact	aagccagaag	actgcatacc	agatgtacca	300

&lt;210&gt; 590

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 590

ggggcgagg	cgggagaggc	gagctcgca	tgagtggctc	cggcaggctc	ttcgggaagg	60
ggaagaagga	gaaagggcca	accttgaag	aagcaatata	gaaactgaag	gagacagaga	120
agatactgat	caagaaacag	gaatttttgg	agcagaagat	tcaacaggag	ctacaaacag	180
ccaagaagta	tgggaccaag	aataagagag	ctgccctaca	ggctttgcgg	aggaagaaaa	240
gattcgaaca	gcagctggca	caaactgacg	ggacattatc	cacctgggag	tttcagcgtg	300

&lt;210&gt; 591

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 591

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tcacgggacag	gcacggcccc	tctggaccgc	ctcaaggtct	tcatgcaggt	ccatgcctca	120
aagaccaacc	ggctgaacat	ccttgggggg	cttcgaagca	tggtccttga	gggagggcatc	180
cgctccctgt	ggcgcgggcaa	tggattaat	gtactcaaga	ttgccccga	gtcagctatc	240
aagttcatgg	cctatgaaca	gatcaagagg	gccatcctgg	ggcagcagga	gacactgcat	300

<210> 592  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(275)  
 <223> n = A,T,C or G

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 naagctttga ntagnnccat nnnnngctac ntccctgaan tectnccnnc cctcactggc 180  
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttgtggng 240  
 tctctnggct tanggagnna agaggtggct cttga 275

<210> 593  
 <211> 300  
 <212> DNA  
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<400> 593  
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 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180  
 gaggtctttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaagggttg 240  
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 594  
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 tatgcttata atcctagcnc tttgggaggc tgaggcgga ggatcntttg agctcaggag 120  
 ttttagaccn gtttgggcgg tcccagttat caggaggctg aggtgagagg gattacttgt 180  
 gccaggagg tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240  
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa ggggaaggagg 300

<210> 595  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 595  
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 atgagaatag catgggggaa actgccctgt gattcaatta cttccacta ggtcactccc 180  
 accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240

aaaccatatac aagtatttaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 596  
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 caccaatatac acagtggaca ttggggcggc tccgtcgtgg cccctcggg gctgacacta 180  
 atggacagag gctctcggtg ccgaagattg cctgccagag gactgaccac agcctggctg 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 597  
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 acatacatcg gggaaaagat aatgtcttta ataaatgggtg ctgggaaaac tggatatcca 120  
 tatgcagaag aatgaaacta gacccccatc tcttagcata tacaaaaatc aaaattaatt 180  
 aaaaagttaa atctaagacc tcaaactatg aaacagctaa aagaaaacat cggggaatct 240  
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<210> 598  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 598  
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 gattgaagcg caaggacatg gcgcagtatt tgactgcaaa tgctctctg atggtcagca 180  
 ttttgcatgc acagactctc atggacatct ttttaatttt ggctttgggt ccagtagcaa 240  
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<210> 599  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 599  
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 tgaaatcacc ttttttccc cttgatcaaa catcccatcc ttcagctacc atactgttgc 180  
 tacagggatt ttgtggactg tggccctgt cccgaggttg gcaccttcag ttcagcacag 240  
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<210> 600  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 600



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gcagccatgg	tgaagggtgt	cagctccgag	gccgcctggc	agtgtgtgag	tgaggcgctg	180
cagatcctcg	ggggcttggg	ctacacaagg	gactatccgt	acgagcgcat	actgcgtgac	240
accgcgatcc	tcctcatctt	cgagggaacc	aatgagattc	tccggatgta	catcgccctg	300

&lt;210&gt; 601

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 601

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttatatttatg	120
ggatggattc	acaggacaga	ggtcaaaggt	ctatcaggag	catgagaaga	gggtgtggag	180
tgtagacttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300

&lt;210&gt; 602

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 602

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatgggtc	gggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

&lt;210&gt; 603

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 603

ttaatatggg	aacnccngtt	tctaactgtc	atncccccn	ccccaacacc	cccaanncag	60
cagttttntt	caccgctgc	agcgttccg	tnccaaacan	agggccncnc	ananncccn	120
cgntntatat	aaggaggaaa	acgggaaaga	atataaagtt	aaaaaaaaagc	ctccggnctc	180
cnctactgng	tanactcctg	ntttttcaag	cncctgcaga	ttttgatttt	tttgntgntg	240
ttgtntnccn	ccnttgctgn	tgntgcaggg	gtactattgt	ttaaaaacag	gaaaaaaaaat	300

&lt;210&gt; 604

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 604

cttactttga	tcctcgtgag	gcataccag	atggaagtag	caaagaaaag	agaagagcag	60
cagttgccca	ggccttagct	ggcgaagtca	gtgtgggtgcc	tccatctcgt	ctcatggcat	120
tgctgggaca	ggcactgaag	tggcagcagc	atcagggatt	gcttcctcct	ggatatgacca	180

```

tagatttgtt tgcaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac    240
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc    300

```

```

<210> 605
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

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<400> 605
gaacattcgg actcgagata atcgtcgcct tggggagtgg gacttgccctg aggetgtgca    60
gctgactggg ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc    120
tttgtacata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn    180
ccccggnnat gntgacgntg nngannnctt anaccttttt nnnnctnnga aaggaggntt    240
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct    300

```

```

<210> 606
<211> 298
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (298)
<223> n = A,T,C or G

```

```

<400> 606
ccccgggant aaggntgnnn tatnntnncc anaaaaaann gggncnatna tngntcngn    60
aaggntnngg aacaacaagg actgcntnat tggaagnggn cncaggnttg aanccaaagn    120
taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag    180
caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt    240
aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg    298

```

```

<210> 607
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 607
atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca    60
agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg    120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt    180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt    240
tcaacctatg acagttcaga atcatgttcc ccattctggt gttggatcta taggtttatt    300

```

```

<210> 608
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

&lt;222&gt; (1)...(296)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 608

atccaggtgt	ttctgatgca	cagtgaaatt	gggggtaccac	tggtattagg	ttgggtatgg	60
caactttttc	atcacttggt	ttatgtagtt	gtctgatcaa	ttgtgaaaac	ataatgaatg	120
ttggaaatgg	aacagtaaaa	taacgaaagc	caactttttt	tttttttttt	ttnnnnnnnn	180
nnnnnnnnnt	tnnnnnnnng	nnnnnnnnng	agggggccca	nnnnnnnnnn	ntgnnnnnnn	240
cncncnccgg	ntnnnnnncc	ttntnnnncc	taacnnnncc	nagncnnngg	aactac	296

&lt;210&gt; 609

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 609

cgacaatcag	tgattttgct	gtattttctca	caatagtaat	aatgggttaca	attgactacc	60
ttgtaggagt	tccatctcct	aaactttcatg	ttcctgaaaa	atttgagcct	actcatccag	120
agagaggggtg	gacataaagc	ccactggggag	ataatccttg	gtggacctta	ttaatagctg	180
ctattcctgc	tttgctttgt	accattctca	tctttatgga	tcaacaaatc	acagctgtaa	240
ttataaacag	aaaggaacac	aaattgaaga	aaggagctgg	ctatcacctt	gatttgctca	300

&lt;210&gt; 610

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 610

agaataacta	ccagacaaca	tttggttaaaa	ctcaggacag	tatgtatttt	aaataagcaa	60
gtgcatgtgt	gaaaatggct	cattcagttt	ataaaatatt	acattaaatt	tgagggtttct	120
gttttttttc	ttttgtgaca	gtcttgctct	gttcccatg	ctgtattgca	gtggctccag	180
ttcacctcac	tgtaacttcc	acatcctggt	ttcaagcaat	ttgtgcctca	gcctcccaag	240
tagctgggat	tacagtcag	ccaccatgct	cagataattt	ttatattttt	ttgtatagat	300

&lt;210&gt; 611

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 611

agatgggtta	aaacttaaat	gtcacatctg	aaacagtaaa	aatcctagaa	gaaatcctag	60
gaaaaactct	tctggacatt	ggcctaggca	aagaatttat	gatgaagacc	tcaaaagcaa	120
acataacaaa	acaaaaaata	gacaaatgag	atttaattag	aaaaacttct	gcacagtaaa	180
agtaataatc	aacagttaat	agacaacctta	tagaatggga	gaaaatatat	gtaaattata	240
catctgacaa	agaactaata	tccagaatct	acaaagaact	caacaagaaa	aaaaccaacc	300

&lt;210&gt; 612

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 612

tcctggctgt	taggatttgt	tctgttttgg	gagaccttta	gagcgtgggt	aaacccatat	60
gttggtgatt	atgctgcttt	tatggtagca	ataccctata	ttaagatttg	aagtagaccc	120
ggaaagttag	tggcgggtta	gtcagttgg	ttagagcgtg	gtgctaataa	cgccaagggtc	180
gcgggttcga	accccgtagc	ggccagtggt	tggctttttt	ttgtgtgtgt	tttgttttct	240

gacccctctgc tgttatccgg aagttttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 613  
 aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60  
 tgagatgac acaggaactg acttgggtgga gtggcagctt agaattgcag caggagagaa 120  
 gattcctttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180  
 tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240  
 tctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300

<210> 614  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 614  
 agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatacat tgtcctgaag 60  
 aagcatctgt aggggaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120  
 acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcatacaact 180  
 tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggtccttca 240  
 tccccaacga ggatgtgaga aagttcatgt ctcatgttat ccggaccttg aaaatggaat 300

<210> 615  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 615  
 tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60  
 gggcaaggaa cacctggccc cgcccggagc aaaaaactgc tcaaaccaca aacgatagca 120  
 ggaaaggcct gtgccttggc agcatgtttt tgcctgcagat aatcagccag agcctgtttc 180  
 tctgtctctc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240  
 ctatagaagc aatgcttata actggctttc tgtcaataaa tgtgtgggtc aagctctgtt 300

<210> 616  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A,T,C or G

<400> 616  
 gctacctggg cggcgacggg ctggacgtgg acgtgccac gcgtctggag ggctggttct 60  
 tctgcacgcc cgcccgaag ctgctctggc tgggtgtgca gcccttcttc tactcactac 120  
 ggccgctctg cgtccacccc aaggccgtga cccgcatgga ggtgtcaac acgctgggtg 180  
 agctggcggc cgacctgggc atctttgccc ttggggggct caagcccgtg gtctacctgc 240  
 tggccagctc ctctctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 617  
 ngnnattgag ccnnttgaat cnagctactt gttcttttttg caggatccca tcgagtccat 60  
 ctcatatgag tgagaaagct taccagtgcg gcgaatgtgg gaaagccttc cgagggcact 120  
 cggacgtttt ctaggcatca gagtcaccac agcagtgaga ggccttatat gtgtaatgaa 180  
 tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240  
 gagaagccct atgaatgcaa tgaatgtggg aaggccttta ggcggagctc aaacctcatc 300

<210> 618  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 618  
 ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg 60  
 agcggccgca gagactgggt cgccttggat tccctctgcc tccgaggacc ccaaaagaca 120  
 cccccaacct caggccagcc ggccctgctc tggcgcgtcc aaaatactac ctagcacagg 180  
 cctctgctcg aggcaccccc aaactaccta tgtatccagc cccagagggc ctccattccc 240  
 aggaagtccc tatgtatccc aacactggca gacaccagc accacctcc cagacccgca 300

<210> 619  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 619  
 aattccgttg ctgtcgaatt gttcctgtcc tgccccaaact gatcaatcga ccttgtgaca 60  
 ttcttcttct ggacaatgaa tcttatgatc tccccaccat ggaccctgtg accccctcct 120  
 ctgctgacaa tagataacca cctetaactg taacattcca ctgcctacct cagtcctata 180  
 aagctgcccc tctcctatct accttcgctg actctctttt cgtactcagc ccacttgcac 240  
 ccaagtgaat aaacagccct gttgctcaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

<210> 620  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 620  
 agaatacaag ctacttggtc tttttgcagg atcccatcga ttccgaattcc gttgctgtcg 60  
 aattgttcct gtccctgccc aactgatcaa tcgacctgtg gacattcttc ttctggacaa 120  
 tgaatcttat gatctcccca ccatggaccg tgtgaccccc tctctgtctg acaatagata 180  
 accacctcta actgtaacat tccactgcct acctcagtc tataaagctg cccctctcct 240  
 atctaccttc gctgactctc ttttcgtact cagcccactt gcaccaagc aataaacagc 300

<210> 621  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 621

actatagaat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgtcgaattg	ttcctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gacctgtga	ccccctctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgccacctc	agtcctataa	agctgccctt	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

&lt;210&gt; 622

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 622

gtgggagggg	gtagggggag	gaagtctgtg	gtgagcaaag	tttgcccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttgtg	atcctatcta	ctcgggaggg	tgaggcagga	gaatcgcttg	aaccaggtt	240
gtaaagggtg	cagtgcagca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

&lt;210&gt; 623

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 623

caatctcaaa	gctggctgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atggtggaag	aaacagacag	tgttagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaatattaa	ctgggttttat	attgttaaga	caaaacactg	180
gtaaaagtgt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggataaagc	atcaagaact	cctttttctg	aaacgttcc	ccttttttag	tgccataatta	300

&lt;210&gt; 624

&lt;211&gt; 261

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(261)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 624

gtgaaagagt	tcatgacctc	cttgcgccgg	gcctgggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccg	gtgagcatgg	ctccgctggt	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggnntangg	tatnnnnat	nnntnanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacgggtatn	angnncnntn	ctatnatgna	240
annnnannntn	ngngnctntn	c				261

&lt;210&gt; 625

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

<223> n = A,T,C or G

<400> 625

tttttttgag	acggagtcctt	gttctgttgc	caggctggag	tgcggtggtg	caatctcagc	60
tcactgcaat	ctccacctcc	tgggttcaag	aggttctcct	gcctcagcct	cctgagtagc	120
cggggagccta	caagcatgca	ccaccacacc	cagctaattt	tttttttttt	nnnnnnnnnn	180
nnnnnntgtc	ncccaggctt	gagtgcaggg	gcncnatctn	ggntnantgn	aanntntgtc	240
tcnnggggtn	atgccnttct	cctgnttnan	cntcccnant	antcccagga	ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt	tggggcacag	taccaggagg	ggggcttggt	gccagacctc	atgaggaaga	60
aggattttcc	tatgtacaga	gaaggggacc	ctgtcctggt	gggaggtgct	gtgcaaacct	120
aaccaagtta	ctaaccctc	tgttttctgt	gtacacaaa	ggggataaat	acaagcttcc	180
ctctctagcc	aattctattt	ggttcctgag	tttgaaaagt	gatagatact	gatttttctat	240
gatttttatga	ggacttaaat	aagctcctat	ggaaaagtgt	ttgtgcagtg	ccgtgcccat	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg	tcaccccatt	gategccagg	gttgattcgg	ctgatctggc	tggctaggcg	60
ggtgtcccc	tctccctca	ccgtcccatg	tgcgtccctc	ccgaagctgc	gcgctcggtc	120
gaagaggacg	accatccccg	atagaggagg	accggctctc	ggtcaagggg	atacgagcgc	180
cgtaattgac	acatctctta	tttgagaagt	gtctgttgcc	ctcattaggt	tttaattacaa	240
aatttgatca	cgatcatatt	gtagtctctc	aaagtgcctc	agaaattgtc	agtgggtttac	300

<210> 628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 628

ggatgaccca	tgccaaaaat	actatgagct	cttactagtc	aacctatttt	ggttggtccc	60
accaacaaag	gcacttgcag	ttacattcac	cacatttgta	acggagccat	tgaagcatat	120
tggaaaagga	actggggaat	ttattaaagc	actcatgaag	gaaattccag	cgctgcttca	180
tcttccagtg	ctgataatta	tggcattagc	catcctgagt	ttctgctatg	gtgctggaaa	240
atcagttcat	gtgctgagac	atataggcgg	tcttgagagc	gaacctcccc	aggcacttcg	300

<210> 629

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 629

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gggtggtntna gtgggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta      60
aggtgctnat gtcattgctgc aatgtccanc agcagnaggn ntttgatgtn anngcngga      120
gnngagtga ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc      180
ttctgttncc gggggagcat ggatctagat gtcctcgctt ctgaaaacca agtgtcagag      240
ccccctcccc ttgtttttat tttactgtta taataattat taacttcctt gtaat      295

```

<210> 630

<211> 300

<212> DNA

<213> Homo sapiens

<400> 630

```

tggtctgctc accagaggtt cttcaaatac ttatgcatag catccaaagt taaaagggtt      60
gtgcaactag ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct      120
acaggagaag ctagaacatt agaagctttg gaagagggcg ggggagaatt gaattgattt      180
gtttcaactg ccaaagggtg gttgcagtca ctcatgaaa aacattttcc tgctccagac      240
aggaaaaaac tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg      300

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<210> 631

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (290)

<223> n = A,T,C or G

<400> 631

```

gcctagggcc ccctagcacc ccactcgatc accgagggta ccagtccttg tcagacagcc      60
ccccgggggc ccgagtcctc actgagtcag agaagagggc actcagcatc caagacagct      120
tcgtggaggt atnnnnnnnn nnnnnnnggc cncgtggttc tgatntggnt nntanatgca      180
anaggctgtg gctnctnaag tctaaggat tntcantga tcanngatcc agggccgttc      240
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg      290

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<210> 632

<211> 300

<212> DNA

<213> Homo sapiens

<400> 632

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gtgggggtcag ttctggtctg ctcaccagag gttcttcaaa tacttatgca tagcatccaa      60
agttaaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat      120
tggtctgcag tctacaggag aagctagaac attagaagct ttggaagagg gcgggggaga      180
attgaatgat tttgtttcaa ctgccaaagg tgtttgcagt cactcattga aaaacatttt      240
cctgctccag acaggaaaaa actttatagt ttactaggaa tcgatttgac agctccaagt      300

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<210> 633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 633

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cacagtcctt ctggaagcca gaccgaagc cacagtagca gtgccagctc agcagagagt      60
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa      120
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca      180

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cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240  
 ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 634  
 cccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat 60  
 cttctactat ctggaggcca ctaaggcaca gtatctggca gccaggccc taaagaagca 120  
 gtcattggcg ttcacacca agtacatgat gtggttccag aggcacgagg agcccaagac 180  
 catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240  
 gcggaagaag gaaggcttca cctttgagta ccgctacctg gaggaccggg acctccagtg 300

<210> 635  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 635  
 ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60  
 tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatccttag gggtttctat 120  
 tcatacatat aaaatcatat cattggcaaa cagagataat ttacttctc cctttccaat 180  
 ttggatgcct tagatttctt ttccttgccct aactgctctg tctagaactc ccagcactat 240  
 gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 636  
 gctgcccaac acgctgtttg gggatgtggc catggtggtg gaattcttga gctgttattc 60  
 tgggtacttt ttaccagatg ctccagtatc tattactgct gtgtccctta tggaagcctt 120  
 gattgcagat aagggtggct ttttatccct taacagggtg ttgggtcatc tcttacagac 180  
 cctcctacaa gatgagatag cagaagacta tggatgaatg ggaatgaagc tgtcagaaat 240  
 ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 637  
 ctttgcagct ccccttccac tgagagccac ttccaccatt taataaaatc gtccacatcc 60

```

atcaactttc aaaccattca tgcaacctga ttcttctctg atgctgaaca agaacctggg      120
taccaacagg gcagggtgta aaaggctgcc acctgactc tcttgagtg ggtnnnnnnn      180
nnnctgteen ggatggcaac tgctaaaaga gctgaattg taacacatcc cttaatgcgc      240
tgttgggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgcgtgctc      300

```

```

<210> 638
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 638
aacctatctg catggacctc tgtggaccac agcgtacctg cccctttctg cctcctgct      60
ccagcccccac ttctgaaagt atcagctact gatccagcca ctggatattt tatatcctcc      120
cttttcttta agcacagtgt cagaccaaat tgcttggttc tnnnnnnngn actacannna      180
tatgnatnct ggtncgctgg gcaagttcac tgngcccatg ctgaaagagg cctgccgggc      240
ttangggctg aagagtggtc tgaanaanca ngaactgctg gaancctca ccaagcactt      300

```

```

<210> 639
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 639
agttttctctg tgattagtgt ttttggtggt gttttatttt ttttcttaca ggaactcttg      60
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa acaaaattct      120
gaggcccccct caaccatcta aatggacttc cttctgggcc aggacactcg aaaattaaac      180
ctgaaagact ggttcaggcc atgatgggaa gtgggagctg aacatgcctc atcataccct      240
ccagcattaa catcaacaca gaccttaagg ctgataagaa gcatttacia tctattctct      300

```

```

<210> 640
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

```

```

<400> 640
gttagctcga ggggcaaata aagagcacag gaatgtttct gattacacac ctctaagtct      60
ggctgcttct ggtggctatg tgaacatcat caaaatatta cttaatgcag gagctgagat      120
taactctaga actggtagca aattgggcat ctctcctctg atgttagcag ctatgaatgg      180
gcatacagct gctgttaagc tctgttaga catgggctct gacataaatg ctcagataga      240
aaccaatcgg acactgnnnn nnnnnnnnnn ngcttccaag gaagaactga agtgggttag      299

```

```

<210> 641
<211> 300
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 641

cagagacctg	acagtggcaa	tgtatggcca	cgttactgaa	tctacatgtt	gcaagagaaa	60
aactagcaga	tggtcttggc	agccctgtca	ttcagctata	ttgctaaagc	actaggtgga	120
atcattatga	aaatttccat	cactcaaata	gaaaggagat	ttgacatatc	ctcttctctt	180
gctggtttaa	ttgatggaag	ctttgaaatt	ggaaatttgc	ttgtgattgt	atttctaagt	240
tactttggat	ctaaactaca	cagaccgaag	ttaattggaa	ttggttgtct	ccttatggga	300

&lt;210&gt; 642

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 642

gagagcttgg	gatgtggtaa	tgccagccac	actcctggga	gccgtggcca	gatctcggca	60
tatattatca	aaagcacatc	agtgccgaag	aatcggtcat	ctaattgtta	aaccacttaa	120
ggaatttgaa	aatacaacat	gcagcacact	gacaatacgt	caaagcttgg	atttgttcct	180
tcctgataaa	acagctagt	gtttgaataa	gtctcagatc	ctggaaatga	accaaaaaaaaa	240
gtcagatacc	agcatgctgt	ctccattaaa	tgctgctcgt	tgccaagatg	aaaaggcaca	300

&lt;210&gt; 643

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 643

gcctgccaga	atggaagcat	acagatctgg	gaccgaaatt	tgactgttca	tcctaagttc	60
cactataaac	aggctcatga	ctcgggcaca	gacacttctt	gcgtgacttt	tcctatgat	120
ggtaatgtcc	ttgcctctcg	tggaggtgac	gattcattaa	aattatggga	catccgacaa	180
tttaataaac	cacttttttc	agcctcgggt	cttccccacca	tgttcccaat	gactgactgc	240
tgtttcagtc	cagatgataa	gctcatagtc	actggtacat	ctattcaaag	aggatgtggc	300

&lt;210&gt; 644

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 644

ccggagagaa	gcagcaggag	ggcggcggcg	ccgtgcgctg	cgacacacct	gccaactgca	60
cctatcttga	cctgctgggc	acctgggtct	tccaggtggg	ctccagcggg	tcccagcgcg	120
atgttnnnnn	nnnnnnnntg	gcaattaaca	acatcttaaa	actgactcag	ctcaccctagt	180
cttccatgta	ttcacttctt	aatgcaccct	ctctggcaga	cctggaggac	gatacacatg	240
aagcctgtga	tgatcagcca	gagaagcctc	actttgactc	tcgcagtgtg	atTTTTTgagc	300

&lt;210&gt; 645

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 645

actgttcctc	ctaagttcca	ctataaacag	gctcatgact	cgggcacaga	cacttcttgc	60
gtgacttttt	cctatgatgg	taatgtcctt	gcctctcgtg	gaggtgacga	ttcattaaaa	120

```

ttatgggaca tccgacaatt taataaaacca ctttttttcag cctcgggtct tcccaccatg      180
tccccaatga ctgactgctg tttcagtcca gatgataagc tcatagtcac tggtagatct      240
attcaaagag gatgtggcag cggcaaacct gttttctttg agcgtaggac tttccaaagg      300

```

```

<210> 646
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 646
gcgacatcag aagatcattg aggaggcccc agcgcttggt attaaatctg aagtaagaaa      60
aaagctggga gaagctgcag tcagagctgc taaagctgta aattatgttg gagcagggac      120
tgtggagttt attatggact caaaacataa tttctgtttc atggagatga atacaaggct      180
gcaagtggaa catcctgtta ctgagatgat cacaggaact gacttggtgg agtggcagct      240
tagaattgca gcaggagaga agattccttt gagccaggaa gaaataactc tgcagggcca      300

```

```

<210> 647
<211> 278
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (278)
<223> n = A,T,C or G

```

```

<400> 647
ggtgactgcc atcctggagc cctacccctg catccaattc cctctggcca catatgcccc      60
tattatctct gctgaaaaag cctaccatga acagctttct gtagcagaga taaccattgc      120
tatgcttttn nnnnnnnnac ctgatgntaa nanntgaacc tcnntgcggt tnttncannn      180
tttntntntc nantcnnnna cgtcttgntt nntncttntt nntttctcgc annanttttn      240
natntcntnn cctttgnttt tncntcttct tnnntaat      278

```

```

<210> 648
<211> 150
<212> DNA
<213> Homo sapiens

```

```

<400> 648
ccccggtcgt gtagcgggtg tatactacgg tcaatgctct gaaatctgtg gagcaaacca      60
cagtttcatg cccatcgtcc tagaattaat tcccctaaaa atctttgaaa taagggcccg      120
tatttacctt atagaccccc ctctagaggg      150

```

```

<210> 649
<211> 277
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (277)
<223> n = A,T,C or G

```

```

<400> 649
gaagaangcc tatncnnnct attagctana natagtcnnt nnnaatanga naganangtn      60
acnnanaang cnananngnn nnagagatag ctcnacntaa agacnggana angatcttcg      120

```

ccttaataact tttttatattt gttttatattt gaatgatgag ccttcgtgcc ccccccctccc 180  
 ccttttttgt cccccaactt gagatgtatg aaggcttttg gtctccctgg gagtgggcgg 240  
 aggcagccag gggttacctg ccacaaacgg ggaccag 277

<210> 650  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 650  
 gaggtagtga cacaggctgt gggaggggggt agggggagga agtctgtggt gagcaaagtt 60  
 tgccttatta cactgataaa gtgtaattac actaataaag ctggatcacc tgaggttagg 120  
 agtttgagaa cagcctggcc aacatggcaa aaccctgtct ctactataaa tacaaaaatt 180  
 agccaggtgt agtggcaggg cacttgtgat cctatctgct cgggaggctg aggcaggaga 240  
 atcgcttgaa cccaggctgt aaaggttgcg gtgagccaag atcatgccac tgcactccag 300

<210> 651  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 651  
 ggcacagtac caggaggggg gcttggtgcc agacctcatg aggaagaagg attttcctat 60  
 gtacagagaa ggggaccctg tcctgttggg aggtgctgtg caaacctaac caagttacta 120  
 acccctctgt tttctgtgct acacaaaggg gataaatata agcttccttc actagccaat 180  
 tctatttggg tcctgagttt ggaaagtgat agatactgat tttctatgat tttatgagga 240  
 cttaaataag ctctatgga aagtgttttg tgcagtgccg tgcccataaa gaagagctca 300

<210> 652  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 652  
 acgtgaacga gaaaaggaga aagaacggga gcgggaacga gaacgggata gggaccgtga 60  
 ccggacaaaa gagagagacc gagatcggga tcgagagaga gatcgtgacc gggatagaga 120  
 aaggagctca gatcgtaata aggatcgcag tcgatcaaga gaaaaaagca gagatcgtga 180  
 aagggaacga gagcgggaaa gagagagaga gagagaacga gagcgagaac gagaacggga 240  
 gcgagagaga gagcgagaga gggaacggga gcgagaaaaga gaaaaagaca aaaaacggga 300

<210> 653  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 653  
 tgaacgagaa aaggagaaag aacgggagcg ggaacgagaa cgggataggg accgtgaccg 60  
 gacaaaagag agagaccgag atcgggatcg agagagagat cgtgaccggg atagagaaag 120  
 gagctcagat cgtaataagg atcgcagtcg atcaagagaa aaaagcagag atcgtgaaag 180  
 ggaacgagag cgggaaagag agagagagag agaacgagag cgagaacgag aacgggagcg 240  
 agagagagag cgagagaggg aacgggagcg agaaagagaa aaagacaaaa aacgggaccg 300

<210> 654  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(294)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 654

```

cccccttcctt ctgtctcttgg agacccttga gcttggggaa atatggaggg gtgtgtgtct      60
gcaatcaagg cctctgcagc tcacggctgg ccgggtgggc tgggacttcc gtctgaattt      120
taaataactta gggttcattt ttttttctct ggcaacaaag cttgatgttt tcaactgttt      180
agtttctctgt ttgctggtgg gaggggatac ggtctgtgac tctggacttg ctctggggga      240
acagttgtca ctgcccccg gganaggggc agctngggct ggagaagcac agcc              294

```

&lt;210&gt; 655

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 655

```

acagcctggg cgtgcggcga gctgagatca agcccggggt gcgcgagatc cacctgtgca      60
aggacgagcg cggcaagacc gggctgaggg tcggaagggt cgaccagggg ctctttgtgc      120
agttgggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc      180
tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtggtga      240
agaaggcatc aggcgataag attgtcgtgg tggttcgggg caggccgttc cagcggactg      300

```

&lt;210&gt; 656

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 656

```

tcaagtttgt ttgaagacac gtgtgccttt gtacccatta taagatgggtc ataagaccca      60
agaactgata agctttgggt tttttttgtt ttgttttggt ttttgcttca ttaccatt      120
catgcctagg gttccattat tggaacccta agcttgtggg agttatttct atctactgc      180
tcaaggtcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat      240
gggttaagggt gccatccctg aaactgcaat gcagatatgt tcagataact tttatttttt      300

```

&lt;210&gt; 657

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 657

```

aatgtttttt gaatcaagtt tgtttgaaga cacgtgtgcc tttgtaccca ttataagatg      60
gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct      120
tcatttacct attcatgcct agggttccat tattggaacc ctaagcttgt gggagtatt      180
tctatcctac tgctcaagggt catcaccaag atctgatttt tcataaaaaa catttgtgac      240
cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gttcagaaac      300

```

&lt;210&gt; 658

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 658

```

ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct      60
gggtggattgg ccacactggg agccacatgg ggcaagggga gccctcacc cagccagcc      120

```

```

agacgagtgg gatttccccc agcacagcat accccttca caaagggaca actaaagtgc      180
ttcattaagc aagtccctgga tcctgtgccc cccaactggg tgagacaccc caatgggtca      240
ccagacacct tatacaagag catttctact ggcacaggt gggtgccct caaggacaga      300

```

```

<210> 659
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 659
gttttggtg ggcattgatg ttagcgctg cagttccagc tacctgggag ggtaagccca      60
gttcaaggct gcaattaact atgatgggtg ccctgcattt cagcctgggt gacaaaatta      120
aatcctggcc caaaaaaaaaa aagtagccag gcatgggtggc gggagcctgt tgtcccagct      180
gttccgtagg ctgaggcacg acattcactt gaacctggga ggtggaggtt gctgtgagct      240
gacaccacgc cactgcactc cagcctgggt gacagtgaga ctctgtctca ataaataaaa      300

```

```

<210> 660
<211> 280
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (280)
<223> n = A,T,C or G

```

```

<400> 660
attcgaacat atgcagttat tccactaaat gatgaatgtg ggattattga atgggtgaac      60
aacactgctg gtttgagacc tattctgacc aaactatata aagaaaaggg agtggatatg      120
acannaaaag aactttacca gtgctnctac ctcnngctnc ngntttatct gaanagntgg      180
nagtntcn cn ngatangncc tgnnttgcat cntnntanng nnntnnannn gccctttcn      240
tnntgnttgn cggnnnnngcn ttgncnnnag tcanccgctg      280

```

```

<210> 661
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (294)
<223> n = A,T,C or G

```

```

<400> 661
aataggannn ctaanaggct angtgagnaa tatcaancnc cgcncgtgtt ttnggtgggt      60
aangnngtat anngggcntn natgggnagg aatncanatg gtagttggga naggggagga      120
tacaggtgga tgggactgga gggtgtataa ggtgttcttg gaaggaaggg gcaggagtgt      180
gaattagtgt gtccctactg tcccccatga gggtgtgaac ccctcccca acttttcatg      240
tttcttaaag gcatttttgt tttttaaata ctgtacagca agagcaactt tttc      294

```

```

<210> 662
<211> 279
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc\_feature  
 <222> (1)...(279)  
 <223> n = A,T,C or G

<400> 662  
 gaaaaanggna ngactgnttt atggggggenc caannnnneng nnncanttnc annnnggccc 60  
 cnanaatggc caatgctcgt ttaggggaacc gccattctgc ctggggacgt cggagcaagc 120  
 ttgatttagg tgacactata gaatacaagc tacttggtct tttgcagga tcccatcgat 180  
 tcgcaggaat cgatctcgtg aagcccgcaa ggaccgaaca cccccacccc gatttagacc 240  
 tgcagggtgt gccccacgtc ccccaccaa gcccattgta 279

<210> 663  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 663  
 gctaagtatt ctaggatcta cagttatggc cattcatgct ccaaaggaag aggagattga 60  
 gactttaaat gaaatgtctc acaagctagg tgatccaggt tttgtggtct ttgcaaccct 120  
 tgtggtcatt gtggccttga tattaatctt cgtgggtggg cctcgccatg gacagacaaa 180  
 cattcttggt tacataacaa tctgctctgt aatcgggcgc ttttcagtct cctgtgtgaa 240  
 gggcctgggc attgctatca aggagctgtt tgcagggaag cctgtgctgc ggcattccct 300

<210> 664  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 664  
 tcgttttaggg aaccgccatt ctgcctgggg acgtcggagc aagcttgatt taggtgacac 60  
 tatagaatac aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 120  
 catggtaatc ctgctcagta cgagaggaac cgcaggttca gacatttggg gtatgtgctt 180  
 ggctgaggag ccaatggggc gaagctacca tctgtgggag gaaggaggca ggctgtgggtg 240  
 ggactgggta gggatatagta tcactcctga gttccactgc tctagaatct aaccagaaat 300

<210> 665  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(298)  
 <223> n = A,T,C or G

<400> 665  
 cccgaggagc ggagcagagg caccagga gctgcgcgcg agaaattgga tcggcgggga 60  
 cggcctgcag ctcccgcgcg cggggaaagg gaagaagtcc tcccctacaa agcaaattca 120  
 caaacttgga agaagcaatt tacacaggat gtgcagatct caatggaagg acacgggaaa 180  
 cgtgaaaaag caaggaagtg ggacgcctcc aaaggnnnnn nntaattctc cagcancaga 240  
 tccccatcca aaaganattc aagaantgtc atatagagaa ttgtggaaac tgatttta 298

<210> 666  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens



<220>  
 <221> misc\_feature  
 <222> (1)...(272)  
 <223> n = A,T,C or G

<400> 666  
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctgggagcc 60  
 tccctgggat gccaccagg ccagggatc cacctagggt gggttggtta tcttggtgat 120  
 ggnnnnnnnn nnnntnaac ctntcttnt ntacnnnnnt acnnctcatn tattntctc 180  
 tannngntaan tntgnnnnnn tnncttntn ccaantagnn ntttngnnn ncnntcnnt 240  
 naatntanat tntntnnnt nttntntna tt 272

<210> 667  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 667  
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60  
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120  
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180  
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtgga tgaggaacc 240  
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 668  
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60  
 ccagcaccct ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120  
 tatgggggtt ggtagtgttg gtggcaggcc atcccccta atcttggaaac ctctgaatat 180  
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggt ggggtgtgtg 240  
 gctcacgcct gtaaccccag cactttggga ggccaagggt ggcagatcac gaggtcaaga 300

<210> 669  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 669  
 agaggaccct gcagttaggg ggtgttactt tgctgcccag gatggcctgg acccccaggt 60  
 tcagggattc tccgcgcgct gcttccctgag tagctgggac ctccaggctc cgctcgtgc 120  
 ccgcacccct gctgtgttta ggcagcagg ggtgacctca ctccctcctg gcctgagctc 180  
 tccgtcccg atcccaggcg gaggccttag ggaacacttt gaagctgagc acgggggtgga 240  
 cctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 670  
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tggtgaccac tgtcttctca 60  
 tcctttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120

```

cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggtgctg tgcgcttcca      180
gcatgtgggc acctctgtgt tctgtcagt cacgggtgag cagtatggaa gcccacccg      240
tgggcagcat gaggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat      300

```

```

<210> 671
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 671
ataatttggn gcatttcenn acantgtctt nncaaganta aaatgtgngc gccaaaattt      60
ngnatntan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaagggaatt      120
agtagngttc ccacncttg tttggagtgn gctattctna aagaataagc aatgctcgtt      180
tagggaaaccg ccattctgcc tggggacgtc ggagaaagct tgatttaggt gacactatag      240
aatacaagct acttggtctt tttgcaggat cccatcgatt cgaattcggc acgagcagga      300

```

```

<210> 672
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 672
ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata      60
ggactcggtg aagccggatt ctgcatttcc ctacttgtag actcattttg tggaatagag      120
ttgatecgtg tctctccgc aaagcatttt aactcgaata agcaaagcc gcctctgttt      180
gaacgttttg gtatttacia gagagaaatc attttaccta agagaactaa ttgaattggc      240
agcatccttg aaatacctcc ggacaaggat ctgggggtgg ggggtggaaa gcaactgcga      300

```

```

<210> 673
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 673
gtgagacagg ttagttttac cctactgatg atgtgttggt gccatggtaa tctgtctcag      60
tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga      120
gcaagagatg gccacggctg ctccagctc ctccctggag aagagctacg agctgcctga      180
cggccaggtc atcaccattg gcaatgagcc ggttacgctg cctgaggen nnnnnnnngc      240
cttnttact ggcattgtgt tctgttntn cngnngagta cattc      285

```

```

<210> 674
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 674

```

```

gtcaatggtg tacaagcaat gctcgttttag ggaaccgcca ttctgcctgg ggacgtcgga      60
gcaagcttga tttaggtgac actatagaat acaagctact tgttcttttt gcaggatccc      120
atcgattcga attcggcacg agggggattc ataattccag acaggtagag aacgggttta      180
tttatgtaga gacagagtct cgctctgtcg ccaggctgag gcgggagaat cacttgaacc      240
tgggaggtgg aggttgcgct gagctgagat cattacactg cactccagcc tg                292

```

```

<210> 675
<211> 271
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G

```

```

<400> 675
canaccnatt ctcnnttggc aacnangatc ganggggnac ctagnnnann nnnnnnnnaa      60
tgacgcaaat gggcggtcca ttgacgtaaa tgggcggtag gcgtgcctaa tgggaggtct      120
atataagcaa tgctcgttta gggaaccgcc attctgcctg gggacgtcgg agcaagcttg      180
atthaggtga cactatagaa tacaagctta ctttgtttct tttgcaggat cccatcgatt      240
cgaattccgc acatgaatct cccctcctca c                271

```

```

<210> 676
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 676
aatgatgac agagagaacc ctgttgaaag agcgttacca ggaggtcctg gacaaacaga      60
ggcaagtgga gaatcagctc caagtgcagt taaagcagct tcagcaaagg agagaagagg      120
aatgaagaa tcaccaggag atattaaagg ctattcagga tgtgacaata aagcgggaag      180
aaacaaagaa gaagatagag aaagagaaga aggagttttt gcagaaggag caggatctga      240
aagctgaaat tgagaagctt tgtgagaagg gcagaaggta actgatgtta agaataaaaa      300

```

```

<210> 677
<211> 289
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

```

```

<400> 677
gcgagccagg attcccgatc cagagacaat ggccccgatg ggatggagcc cgaaggcgtc      60
atcgagagta actggaatga gattgttgac agctttgatg acatgaacct ctcgagagtc      120
cttnnnnnnn ncttntange ctatggtttt gangaactnt tnngttttat tttntgttn      180
antnttngtn gnctgntntg ntntgtngg atngaganga anantttctt tntgngccat      240
gtgctgatgg angnntntn tntcennatt tntnnntttt natgttttt                289

```

```

<210> 678
<211> 300
<212> DNA
<213> Homo sapiens

```

&lt;400&gt; 678

ggaccatgac	atctagggcc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaagggac	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgctcccta	ggggccaggg	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccacat	tgcagctgag	gtcactttct	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cgccccact	catgatgatg	tgacctttga	ggcagtgcca	caggcccttg	300

&lt;210&gt; 679

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaca	gaataattaa	caaattcagc	60
aaagtgtgca	aatacaaaat	caacacacag	aaatcagttg	catttctata	tagtactagc	120
agtgaacact	tcatgaagga	aattagcagt	ttcatttaaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	cttgtagaca	gaaaactaca	aaatattggt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

&lt;210&gt; 680

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 680

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccccctg	gccgcagata	120
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcaccccc	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgtttgcaga	gacgcaaggg	agaagaaatc	cataacaccc	300

&lt;210&gt; 681

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacaccaggg	60
ggggccagtt	cagagaccca	ctcccaggtg	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tatttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180
ttgttccacc	tggctcaccg	gcggtcagaa	tttaagggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaaggtg	cccagatttc	atattgctca	aacacacatg	300

&lt;210&gt; 682

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 682

gatcagccca	cctcggcctc	acaaagtgtc	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatatcact	gaacctgttt	gaaataaaagt	ttttttcttt	tttctcttgg	tattctgggt	180
tctgaagtct	ggtattctgg	tattctgggt	tcaaaagtat	gacttgagag	tgttgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

&lt;210&gt; 683

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 683  
 ggtagaccaa agaagaaagc tgttggtccag gctaagttga caaccactgg cccggtgact 60  
 tctccagtga aaggcgctc atttgtcacc agtaccaatc cccggaaatt ttctggcttt 120  
 tcagccaagc ccagagtga tttgggcata gtaatcagca aaagctacgg aataattcta 180  
 agaattagat gtttccatat cattaaaacc aaggatccat gaggggcaga agggaggatt 240  
 caaagatttt aaaaaaatca aatttttagac cttggttaaa tattaactgg aatgggatct 300

<210> 684  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 684  
 agaactccctt tcccgggtctg cttagtaacg ggtgccttcc cagacactgg cgttaccgct 60  
 tgaccaaggg gccctcaagc ggcccttatg cgggcatgac agaaggctcc cctcttgctt 120  
 tctattcact tctacaatg tcccttcagc acctgacct atacctgccg gttattccta 180  
 gggttatatta ttaatgcaac agagtaatat taaaagctaa tgattaataa tgtttataat 240  
 aatgatggat aattgttcat gatcatcgct gtatctaatt tgtattatga ctattcttat 300

<210> 685  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 685  
 ggagagaaac cttatggatg cattgactgt ggcaaggcct tcagccagaa gtcttgccct 60  
 gtgacacatc agagatatca tacaggaaag actccctttg tatgtcctga atgtgggcaa 120  
 cctgtttcac agaagtcagg actcattaga catcagaaaa ttcactcagg agagaaaccc 180  
 tataaatgca gtgactgtgg gaaagccttc cttacaaaga caatgctcat tgtacatcac 240  
 agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttacttctat 300

<210> 686  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 686  
 gggccgctca gtttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60  
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120  
 tgattttctgg ctacgaagag cctctagaac tatagttagt cgtattacgt agatccagac 180  
 atgataagat acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaaatgc 240  
 tttattttgtg aaattttgtg tgcatttgc tttattttaa ccattataag ctgcaataaa 300

<210> 687  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 687  
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggctctga cctggcgggc 60  
 agccagccag ccacaggtgg gcttcttctt tttgtggtga caacgccaag aaaactgcag 120  
 agggcccagg gtcaggtgta agtgggttag tgaccgtaaa acaccaggtg ctcccaggaa 180

```

ccccgggcaaaa ggccatccccc acctacagcc agcatgcccc ctggcggtgat ggggtgcagag      240
ggatgaggga gccagggtgtr ctgctgtggt ttgggagcct ataaagttag actaggctgg      300

```

```

<210> 688
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 688
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagnnnnnnn nnnnnnnnnn cncacnctct tntntcnegn      180
nnnnntctct tctntgtntc nctctnngtg tnnaganatnt ntctctctta tatntntntn      240
tntttntctc ctctnananno tctctctctc tntntgtgtc tctntcaenn cctctctctc      300

```

```

<210> 689
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

```

```

<400> 689
gtggtctctc cccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga      60
cgccttcctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgccncc      120
ttttgaagag cttganctgg ttcccctntg gnnnnctcgt ntgtntntct cntnntgtnc      180
nntctnanant nntnantttn natngntgna tnnntaange ntatntnttn ctntatnttn      240
tnngagnctn ttnnnntttt nnnntnatnc ttngtnatgn tcatta      286

```

```

<210> 690
<211> 272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

```

```

<400> 690
aaannnaana agnnnnnaagn aancnnttaa gagangaang atngangnna gnnntntnaat      60
ngnaaggntn natnncnaca nntgntantc tcggatntaa tgtannccna tgaagnaaga      120
aaaccttgga ccttgatgat attcacacac attcaggaac ctgttttgat gtattatagg      180
caggaagtgt ttttctacc gtgaaacctt tacctagatc agccatcagc ctgtcaactc      240
agttaacaag ttaaggaccg aagtgtttca ag      272

```

```

<210> 691
<211> 300

```

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 691

ggcacgaggg	actaagcagg	ctagtgtctt	cagcttcccg	gcctccctt	ccaggccgct	60
gccgcctgac	cctgtgtcca	agagactcca	ggctgagctg	gtgaccgac	ccaatccccc	120
taccgcccct	ctgcccgtg	acccgggtgt	gagaagcccg	aagtctcagg	ggccagccaa	180
gccccacccc	ccaaggaagc	cactgcctgc	cgacccccag	ggccgggtgc	catcggtga	240
cctgcccggc	ccaggggctg	gaatcccgc	cctagtggta	ccctccagac	cagcgccacc	300

&lt;210&gt; 692

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 692

aaaatgcctt	cattttcctt	tttactttat	catgagacat	aagatttatt	ggcttcatat	60
caacccttaa	gtattgttaa	ctttatgtaa	tagcatttgg	gttggggatt	ggtgtgtttt	120
cggttgtaca	tagcatagtt	gaattatgtt	aggcataatt	atgaccttat	tattgtcttt	180
atgtgaaaat	tatatatgat	ctcaggaaat	gtgtatgagt	tcaagttgac	aaggagtggg	240
tttgggatgg	ttgatactga	gtgtcaactt	gattggattg	aagcatgcag	agtaataatc	300

&lt;210&gt; 693

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 693

ggctgtcgct	gacccaggag	aagctgcctg	tctacatcag	cctgggctgc	agcgcgctgc	60
cgccgcgggg	ccggcagcca	tggccaagga	catcctgggt	gaagcagggc	tacactttga	120
tgaactgaac	aagctgaggg	tgnnnnnnnn	nnnnnnntatt	cagcttatcc	taaacctgaa	180
agaagagtga	gtagacttta	aggatcaaga	taatctgggg	cttcccagtt	gtgtcggcc	240
aggacctgag	acctgaaggg	ttgactttac	ccatttgact	gggagtgttg	agcatctgtc	300

&lt;210&gt; 694

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 694

ccccggtgtc	cccgcgaggg	gcccggggcg	gggtccgccc	gccctgcggg	ccgcccgtga	60
aataccacta	ctctgacgt	tttttcaatt	gaccgtggag	gcccccatgc	ccaagctagc	120
cacgcagtcc	aacgagatca	ccatcccagt	caccttcgag	tcgcggggccc	agcttggggg	180
cccagaagct	gcaaaatccg	atgagactgc	cgccaagtaa	accccttagc	ccggatgccc	240
acccctgctg	ccgccactgg	ctgtgcctcc	ccgccacct	gtgtgttctt	ttgatacatt	300

&lt;210&gt; 695

&lt;211&gt; 281

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(281)  
 <223> n = A,T,C or G

<400> 695  
 caggcgtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60  
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagtttnacc 120  
 agngagcccg tgcantgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180  
 nagttcgaag gntntganta tatccatcca ttattgctga ncnennanga ncnntnntc 240  
 atntacntnt agtcnntntt ttngctntct ccnnccact c 281

<210> 696  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 696  
 tttcggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60  
 agaattttct aaattcatta agggcaattc tggctacttt ctggaaaattg gctttaagag 120  
 ctcatcctgc atttttaaaa tctctccaac tggatcaaatt tttttatata ctcgtttgat 180  
 aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240  
 agaagcctgt cctgaggaag aatttggtact agctgggtctg gaacttaagt tagaaccac 300

<210> 697  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(262)  
 <223> n = A,T,C or G

<400> 697  
 gtcagggctg gactgtgagc ctgtgcttgg gtcctggagg aggtgagggg ggtatacatt 60  
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120  
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180  
 aattgcattc attttatgtt tcaggttcag ggggaggtgt gnnnnnnnnnn nnnnnnnnnn 240  
 nanntnnnnn tanngnntna tg 262

<210> 698  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 698  
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60  
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120  
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180  
 tggttaacttt acaggggacaa atcatagaac agtcaggtac aatgactggt ggtggaagca 240



aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga

295

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<400> 699

agaaagtgtc	agcacagttt	gtgttggtga	tttgctactt	ccatagttta	cttgacatgg	60
ttcagactga	ccaatgcatt	tttttcagtg	acagtctgta	gcagttgaag	ctgtgaatgt	120
gctaggggca	agcatttgtc	tttgtatgtg	gtgaattttt	tcagtgtaac	aacattatct	180
gaccaatagt	acacacacag	acacaaagtt	taactggtac	ttgaaacata	cagtatatgt	240
taacgaaata	accaagactc	gaaatgagat	tatttttggt	cacctttctt	tttagtgtct	300

<210> 700

<211> 300

<212> DNA

<213> Homo sapiens

<400> 700

aagtagagga	ggaagtccag	acaatttcat	aagtgtctaa	aaagagacag	ttatgcgacc	60
attgacgagg	agtaaaagtc	gtctattgag	catcttattc	actacaaata	gaagaaagaa	120
ataccagttt	cctgacaagc	cccaccccat	gcttgccag	ttcctgagta	cacttaatat	180
attttagagg	aaaagatgct	agaaccacag	gagaatggcg	tgattgacct	accagattat	240
gagcatgtag	aagatgaaac	tttctctct	ttcccacctc	cagcctctcc	agagagacaa	300

<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

gtggtcttca	gtctgtcgtg	caccgatgag	aactctcctt	attgctgtga	agggcagaca	60
atgcatggct	gatctactct	gttaccaatg	gctttactag	tgacacgtcc	cccggcttag	120
gatcgaaatg	ttaacaccgg	gagctctcca	ggccacccac	cggagagagc	gtcgcgctgt	180
ggcctgaagt	ggcgcaagct	tgctttgtaa	atatctgtgg	tcccgatgta	gtgccagaa	240
cgtttggtcg	aggcagctct	gcgcccgggt	tccagcccca	gcctcgccgg	gtcgccgtct	300

<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

ggcgtgccta	atgggaggtc	tatataagca	atgctcgttt	agggaaaccgc	cattctgcct	60
ggggacgtcg	gagcaagctt	gatttaggtg	acactataga	atacaagcta	cttgttcttt	120
ttgcaggatc	ccatcgattc	gaattcggca	cgaggaagga	ggacctaggc	acacacatat	180
ggtggccaca	cccaggaggg	tagtggggag	ttagatttca	gagtcagggc	cctagggttg	240
gaccactcc	aaataatctc	ctcggtgtgg	gtggtggttc	tatagaggga	taaagaataa	300

<210> 703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 703

```

ccaaggcgca gcccgattct gcccctaag attggttcgg ggactttctc tctttccgtg      60
ccctcctaga gccggagctg cggcccagg accgtatcct tgtgctaggt tgcgggaaca      120
gtgccctgag ctacgagctg ttectcgag gcttccctaa tgtgaccagt gtggactact      180
catcagtcgt ggtggctgcc atgcaggctc gctatgccc tgtgcgcag ctgcgctggg      240
agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga      300

```

```

<210> 704
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 704
gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc      60
ctacagcagg gggcacactc caccggtccc agccgcctgc acgacctcta ctggcaggcc      120
atgaaaaccc tgggagtcca gcgcccacag ttggagaaga aggatgcca ggagatcccc      180
agtgccaccc agagcccat cagtaagaag cgggaagaaa agggattctt gccagagacg      240
aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca      300

```

```

<210> 705
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 705
agtccacatt aaaaagaaaa caaaacaaac cctaactaac ttccaaatgg gtctcctggg      60
gcggggggcgt gagtggccgt gccctgggtg tgctgcctgt ctgagcaagc ttccctagct      120
gaggaacccc gggccccctg ctgcgggctc tgccttgggtg tcatgcctgc tgcacccccg      180
tttacctga tgtgccanmn nnnnnntgg nggtttggag cnnacatgct actggtcna      240
nnacacangt nccggggcat catgagaaag gntngntctt ggnaccttgt cctccccagt      300

```

```

<210> 706
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 706
ccgcagaggg cctggaagag gtgctcacca cgccagagac tgtgctcaca ggccacacgg      60
agaagatctg ctccctgcgc ttccaccac tggcagccaa tgtgctggcc tcgtcctcct      120
atgacctcac tgttcgcac tgggaccttc aggctggagc tgatcggctg aagctgcagg      180
gccaccaaga ccagatcttc agcctggcct ggagtcctga tgggcagcag ctggccactg      240
tctgcaagga tgggcgtgtg cgggtctaca ggccccggag tggccctgag cccctgcagg      300

```

```

<210> 707
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 707
tggagggtctc ctttcgcccc agcccagggtg gccaaagccca tcttggcctc agaacatgct      60
gagcacattt tgtagggtgg caccctttta tccaagttag tagctacaca tcagtgttta      120
aagagaaaaa agtgaccttt catttttttt tcttgaaact tgaggaaaca agatacatat      180

```

```
tactgatttt ttttttctta aaactaaatg catgactgca gagcggtaga ggtgtatatt 240
tttcatactg tggggcaaag tatttgtgct gctttttgga gatggactgg aacgtctggt 300
```

```
<210> 708
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 708
aaaaacagtg cattagcaat ttcatagcaa gtgcatgcac taggaaaaga aaactctgtc 60
tacaagttta ttagcagaag tgggtggtctg ctagacaaat aattttgcaa aatttttcta 120
catctaagtt acctcatcag taagtgccat gtctctacca tgccatcaga ggctaatttc 180
ctgtaaaagt tgtggaaatt gttagaacaa tagaaaaata gagcagtgtg tgtgtgccaa 240
aactcatcat tactcaaagg agaactgtgt taggcacatt taagaaagtt tacatctgac 300
```

```
<210> 709
<211> 285
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G
```

```
<400> 709
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nggtcttctc 180
ntgcntgatg cctcttntca ctgcctggan ccctgntnna ngccctcgna tctccentgc 240
tnccngcctt ttnnttngan cctggtggtc tctctccca ttgct 285
```

```
<210> 710
<211> 275
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G
```

```
<400> 710
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nngngngcnc 180
ctcccgcgcg cnnngctnnc ncncntntnn tctctctctc tcgngcncnc ccncncncnc 240
cnnacacenn nnnacagang nnnctctctc tntnt 275
```

```
<210> 711
<211> 266
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
```

<222> (1)... (266)

<223> n = A, T, C or G

<400> 711

ataacacaga	ctttcaagga	ccaaggattg	gaggttttaa	agcaggaaac	agcagttgtt	60
gaaaacgtcc	ccattttggg	actttatcag	attccagctg	agggtggagg	ccggattgta	120
ctgtatgggg	actccaattg	cttgatgac	agtcacgac	tgaaggactg	cttttggett	180
ctggatgccc	tnnnnnnnnn	nnntngtgt	ggngtgnnnn	ntanctnnn	nnnntttng	240
nnctnnnnn	gnntttntnn	nnnnct				266

<210> 712

<211> 300

<212> DNA

<213> Homo sapiens

<400> 712

gtgtggaacc	tgcaggcct	ctagatgtgc	tgggccccag	tctccaaggg	cgagaatgga	60
ccctgatgga	cttgacatg	gagctgtcct	tgatgcagcc	cttggttcca	gagcgggggtg	120
agcctgagct	ggcgggtcaag	gggttaaatt	ctccaagccc	aggtaatggt	tgtgatgact	180
cctacctggg	aggacgccgt	gattgggctg	agctaccttg	attgagttag	ggggcaatct	240
gcaatttgca	gggaaatcct	gagttcaggc	tgactgcag	agcgttcctt	gagccacca	300

<210> 713

<211> 300

<212> DNA

<213> Homo sapiens

<400> 713

tgtggagaag	ccttcttttt	ctatgggaaa	tcacttctgg	agttggcaag	aatggagaat	60
gggtgtgttg	gaaacgcctt	ggaagggtgtg	catgtggaac	atcattctca	ccaccagtct	120
cttctctgtg	cctttcttcc	tgacgtggag	tgtggtgaac	tcagtgcatt	gggccaatgg	180
ttcgacacag	gctctgccag	ccacaacat	cctgtctgct	ctgacgggtt	ggctgctggt	240
gggctttccc	ctcactgtca	ttggaggcat	ctttgggaag	aacaacgcca	gcccctttga	300

<210> 714

<211> 291

<212> DNA

<213> Homo sapiens

<400> 714

gttttgctcg	tttagggaac	cgccattctg	cctggggacg	tcggagcaag	cttgatttag	60
gtgacactat	agaatacaag	ctacttggtc	tttttcagg	atcccatcga	ttcgaattcg	120
gcacgaggtt	atgtctggct	gtagctgttg	gtcacgtgaa	gatgacagac	gatgagcttg	180
tgtataacat	tcacctggct	gtcaacttct	tggtgtcatt	gctcaagaaa	aactggcaga	240
atgtccgggc	cttatatata	aagagcacca	tgggcaagcc	ccagcgccta	t	291

<210> 715

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1)... (294)

<223> n = A, T, C or G

&lt;400&gt; 715

tectccangg	ccgtggttgt	gaaaaaggtc	gaggcccttg	atgggaagct	ggtgtctgag	60
tectctgacg	tcctgcccc	gtgcacaagt	tcggcagccc	ctcccagcct	tcccctcctg	120
cgctgcccc	gagcctggga	aggaggccgc	tttgagggt	agcactggga	acagggaacc	180
ccccgaggc	tcgcacctag	cccttagccc	gcctggggag	tttacttcc	ggggaccccc	240
cttgcccctg	cctccagcta	caacaccatt	ccattgcttt	tttttttgg	ccag	294

&lt;210&gt; 716

&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(289)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 716

ggtagttaag	cccccccaa	acaagacgga	aagtgaaaat	acttcagata	aacccaaaag	60
aaagaaaaag	ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	120
taatgcagaa	tttcaaaatt	tctgcattca	cggagaatgc	taatatatag	agcacctgga	180
agcagtaaca	tgcaaatgtc	agcaagaata	tncgntnaan	gganctgttn	atgctanttn	240
ananataatc	nnagctggan	aggagccttt	ttaagcttaa	nnnaatgtt		289

&lt;210&gt; 717

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 717

cgacggcaag	gtggtgctgt	cccggcagta	cggctcggag	ggccgcttca	cggtcacctc	60
ccacacgccc	ggtgaccatc	aaatctgtct	gcactccaat	tctaccagga	tggtctctct	120
cgctggtggc	aaactgcggg	tgcatctcga	catccagggt	ggggagcatg	ccaacaacta	180
ccctgagatt	gctgcaaaa	ataagctgac	ggagctacag	ctccgcgccc	gccagttgct	240
tgatcagggtg	gaacagattc	agaaggagca	ggattaccaa	aggtatcgtg	aagagcgctt	300

&lt;210&gt; 718

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 718

gggggggattc	cactcctgtt	ttgtgagtag	gcgacccatg	ggctgcccag	ccttaaagcc	60
agaacaaggg	tgtcccctga	cctcggtcca	ctgcccctct	cccgttccca	tctttcccc	120
ctaccttccc	cttaggcacg	tctgagaatg	gtggatgtgg	tgagagaaaga	agatgtgaat	180
gaagccatca	ggctaattga	gatgtcaaag	gactctcttc	taggagacaa	ggggcagaca	240
gctaggactc	agagaccagc	agatgtgata	tttgccaccg	tccgtgaact	ggtctcaggg	300

&lt;210&gt; 719

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 719

gtcgggtctc	caacctcatt	aagcaccaca	gggttcacac	tgagagagaag	ccctataagt	60
gcagtgactg	tgggaaagca	tttagtcaga	gctccagcct	tattcagcat	cggagaattc	120

```

acactggaga aaagcctcac gtgtgtaatg tatgtggaaa agcctttagt tatagctcag      180
tgctccgaaa gcaccagatc atccacacgg gagagaagcc gtacagatgc agtgtctgtg      240
ggaaggcctt cagccacagc tcagccctca ttcagcacca gggcgtgcac acaggcgaca      300

```

```

<210> 720
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 720
gtggctatcc atcaacataa gtaaaaaaaaa aaaacacttc aactccctcc cccatttann      60
nnnnnnntta acatatttta aaaatcanat gagttntata aataatttaa anaagngaga      120
gtattttatt ttggcatgtt tggcccacca cacanactnt gngtgtgtat gtgtgngttt      180
atatgtgtat gtgngtgaca naaaaatntg taaanaanag gcncatntat ggntactgnt      240
caaatnctta aagataantt nattttcaca cagtcacaa ggggtatata ttgtagtttt      300

```

```

<210> 721
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 721
gtttgtgcat cacttggtca ccattgggct tatctccttc tcctacatca acaatatggt      60
tcgagtggga actctgatca tgtgtctaca tgatgtctca gatttcttgc tggaggcagc      120
caaactggcc aattatgcca agtatcagcg gctctgtgac accctttttg tgatcttcag      180
tgctgttttt atggttacac gactaggaat ctatccattc tggattctga acacgaccct      240
ctttgagagt tgggagataa tcgggcctta tgcttcatgg tggctcctca atggcctgct      300

```

```

<210> 722
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 722
acaacattca gcatgcagac ccgccagtgc agatccttta caaccgcacc atgggtgcagc      60
tgggcatctg tgcttccgc caaggcctga ccaaggacgc acacaacgcc ctgctggaca      120
tcagtcgag tggccgagcc aaggagcttc tgggccaggg cctgctgctg cagccccagc      180
taagggtgaa gccaaggaag agtcggagga gtcggacgag gatatgggat ttggtctctt      240
tgactaatca ccaaaaagca accaacttag ccagttttat ttgcaaaaca aggaaataaa      300

```

```

<210> 723
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 723
gcaaggcgcc gggggacacg ttggctgcgt tttcggcgga ctggccgggt acaaaaatgg      60
ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg      120
agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt      180
acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac      240
tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc      300

```

<210> 724  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 724  
 agaaaacaac ttggcatttc tatactttac agggaaaaaa attctgttgt tccattttat 60  
 gcagaagcat attttgctgg ttgaaagat tatgatgcat acagttttct agcaattttc 120  
 tttgttttct tttacagcat tgtctttgct gtactcttgc tgatggctgc tagattttaa 180  
 tttatttggt tccctacttg ataataattag tgattctgat ttcagttttt catttgtttt 240  
 gcttttggtt ttttctcat gtaacattgg tgaaggatcc aggaatatga ctcaaagggg 300

<210> 725  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 725  
 tgtagaggag gtgaggaaat actttaatgt gttggaaacc atgggtttga acagaagata 60  
 cgcataatga gtggggaatg gaaagaaaac tttgtgtac atttactgta aattatatct 120  
 tattgattca gtaaattcag gtggaatacg gaagttcaaa tttaaagatt acccatggac 180  
 tccgacctc aggtgatcca cccgcctcag cctccagtg ggctgggatt acaggtgtga 240  
 gccaccatgc ccagcctcat cattcttatt aactgggtta atcctttcaa taatcctatt 300

<210> 726  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 726  
 tcggcacgag ggcaagggac ttctgtaac aatgcattct atatttggaa tgaccagtc 60  
 ctctcccaag tccacacagg ggaggtgata gcattgcttt cgtgtaaatt atgtaatgca 120  
 aaattttttt aatcttcgcc ttaatacttt tttattttgt tttattttga atgatgagcc 180  
 ttctgtcccc ccttccccc tttttgtcc cccaactga gatgtatgaa ggcttttggt 240  
 ctccctggga gtgggtggag gcagccaggg cttacctgta cactgacttg agaccagttg 300

<210> 727  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 727  
 cgctcgctct cattggctct gctgggtccag aaagcagccc aggcctttta ctccgggctg 60  
 ctgtgtgtgg catgtggttc ataccgacgg ggaaaggcga cctgtggtga tgtcgacgtg 120  
 ctcatcactc accagatgg ctgggtccac cggggtatct tcagccgcct ccttgacagt 180  
 ctctggcagg aagggttcct cacagatgac ttggtgagcc aagaggagaa tggtcagcaa 240  
 cagaagtact tgggggtgtg ccggctccca gggccagggc ggccggcacc gcgcctggac 300

<210> 728  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 728  
 atagtcagaa aacaacctgg catttctata ctttacagga aaaaaaatc tgttggtcca 60  
 ttttatgcag aagcatattt tgctgggttg aaagattatg atgcatacag ttttctagca 120

```

atctctcttg tttctcttta cagcattgtc ttgtctgtac tcttgctgat ggctgctaga      180
ttttaattta ttgttttccc tacttgataa tattagtgat tctgatttca gtttttcatt      240
tgtttttgctt ttgttttttt cctcatgtaa cattggtgaa ggatccagga atatgacaca      300

```

```

<210> 729
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 729
gtccaggctt ccttctgatg gccaacccac ctttaatgct ggccagtcta tctcacacaa      60
agttctaagt ttccagggtg tcatagtaac tccatagtct cccttaaate cctttttgaa      120
atctttcaac atagtctcta gtgggatggg cttaactttgt gcctgaccca tgttttctca      180
agacaaaaca ccatggcagg aacagccact tgcactctggg cccggtgcca cactgcgggtg      240
cttgggtgtg ttgtggagcc tgtccctgcg cgccttgctc ccgttgagcc acgctgtctg      300

```

```

<210> 730
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 730
gataaatacc tcagcccctc gccttctcta acccacctgg caagtcttct taggatctga      60
tcccagtttt ctggaagcaa tctaccccca gcccaagctt ccagagtcg agccttaate      120
cttctcactt ctcagtgtca gagcagaaat gaatcctggg gttgactgtg tccattcggg      180
ttattagcag ctaagaagcc cagacgagta gtgtgagctg ccttgggagc ctcagtgagg      240
gcactgggac tggcctcact ctcttgcccc cagcctagtg ggctttctcc tctgtctctc      300

```

```

<210> 731
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 731
gtccatacat ggagctccct ggagcccgtg tgctctcgtg tgactgaacg ttttgtgatg      60
aaaggaggag aggtgtgtct cttttatgag gagccagtgt ctgaattgct gaggagatgt      120
gggaattgca cacgggaaaag ctgtgtgggt tctttttacc ttccagctga ccatgaactc      180
ctgagcccga ccaactacca ctctctgtcc tcaccgaagg aggcctggg gctctgcaag      240
gcgcagatca ctgccatcat ctctcagcaa ggtgacatat ttgtttttga cctggagacc      300

```

```

<210> 732
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 732
cactgggttc caagttgctt tgctgaataa ggatttgaag ccacagacat ttagaaatgc      60
ttatgacata ccaagacgaa atcttttgga tcaacttaaca agaattgagat ctaatctttt      120
gaagagcact cgcagatttc tgaaaggaca ggacgaagat caagtgcaca gtgttcctat      180
agcacaaatg gggaactacc aggaatacct caagcaagta ccttctccac taagagaact      240
tgatcctgat cagccacgaa ggttgcatat atttggcaac ccctttaagc tggataagaa      300

```

```

<210> 733
<211> 300
<212> DNA
<213> Homo sapiens

```



<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 733  
 ggcgccctgg ccccgctgct gagccacggc caggteccact tectatggat caaacacagc 60  
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120  
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180  
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240  
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcan caagctggag 300

<210> 734  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 734  
 ggcgccctgg ccccgctgct gagccacggc caggteccact tectatggat caaacacagc 60  
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120  
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180  
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240  
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcaa caagctggag 300

<210> 735  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 735  
 ggcaacaagga cctcctgcc aacctgtttg aagacatgga cctcaacaag gatggcgagg 60  
 tccctccgga ggagtctcc accttcacatc aggtcgaagt gaggtagggc aaaggacgcc 120  
 tcatgctgg gcaggaccct gagaaaacca taggagacat gttccagaac caggaccgca 180  
 accaggacgg caagatcaca gtcgacgagc tcaagctgaa gtcagatgag gacgatgagc 240  
 ggggtccacga ggagctctga ggggcaggga gcctggccag gcctgagaca cagaggccca 300

<210> 736  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 736  
 ttcaagcccc cagcctacga ggatgtggtt caccgcccag gcacaccacc ccccccttat 60  
 actgtggccc caggccgccc cttgactgct tccagtgaac aaacctgctg ttctctctca 120  
 tccagctgcc ctgcccactt tgaagggaaca aatgtggaag gtgtttcctc ccaccagagt 180  
 gccccccctc atcaggaggg tgagcccgnn nnnnnntga cccctgcctt cacaccccc 240  
 tcttgccgct atgccgttta actggcgact ccggtattga gctctgcctt tgtcctgcct 300

<210> 737  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 737

agaaccatca	tgggctggac	attggacttc	ctccgggagc	ggctgttggg	ctggatccaa	60
gaccaggggtg	gttgggaacgg	cctcctctcc	tactttggga	cgccacgtg	gcagaccgtg	120
accatctttg	tggcgggagt	gtcacccgcc	tcactcacca	tctggaagaa	gatgggctga	180
ggccccagc	tgccttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
ggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

&lt;210&gt; 738

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 738

gaatgacatt	catgccagtt	cttccttgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaaac	ttggggcaaaa	ctggaaaatc	tgtgttttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttattgtgat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaattcttg	300

&lt;210&gt; 739

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 739

cgggactggg	accaccgcat	cgacccacc	gtgctgctgg	gcgcgctgcg	cgttgcgagg	60
cttgacgctg	cagctggtag	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggg	300

&lt;210&gt; 740

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 740

gtacgagagt	ctgttgaaca	acaggctgat	agtttcaaag	caacacgttt	taaccttgaa	60
actgaatgga	agaataaact	atcctcgctt	gcgggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccaggtta	cacccaaaaca	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	300

&lt;210&gt; 741

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 741

cagtctttca	atgccgtcgt	caattacacc	aacagaagtg	gagacgcacc	cctcactgtc	60
aatgagttgg	gaacagctta	cgtttctgca	acaactgggt	ccgtagcaac	agctctagga	120
ctcaatgcat	tgaccaagca	tgtctcacca	ctgataggac	gttttgttcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggg	aaaggggaact	caaagtgtggc	240
attcccgtca	cggatgagaa	tgggaaccgc	ttgggggagt	cggcgaacgc	tgcgaacaa	300

<210> 742  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 742  
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 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120  
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180  
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240  
 tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 743  
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 caaaggcgac ccgttccaga atgacccctt tgcagaacag cagacaactt caacagatcc 120  
 atttgaggagg gaccctttca aagaaagtga cccattccgt ggctctgcca ctgacgactt 180  
 cttcaagaaa cagacaaaga atgacccatt tacctcggat ccattcacga aaaacccttc 240  
 cttaccttcg aagctcgacc cctttgaatc cagtgatecc ttttcatect ccagtgtctc 300

<210> 744  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 744  
 agaaaatgtg ggatcaagaa aaggaccatt tgaaaaagtt caatgagttg atgggttatgt 60  
 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctggggttt gactggggg 120  
 cggggaccgc cttgctcggg aaggaagggtg ccatggcctg caccgtggcg gtggaagaga 180  
 gcatagcaca tcaactaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240  
 acgaggaact tcttcagctg ataaagaaat ttcgggatga agagcttgag caccatgaca 300

<210> 745  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 745  
 attcatgcc a gttcttccct gaatggcaga agcactgaag aagtaaagcc cattgatgaa 60  
 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatatataa tgatgatcat 120  
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180  
 gattctatgg aacaatttgg acaagaagag tcttttagaca gctttacgtc caacaatgga 240  
 ccatttcagt attacttggg tggtcattcc agtcaaccca tggaaaattc tggatttcgt 300

<210> 746  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 746

ganancncag	atcnenttga	aatgcctctc	ttttaataaa	cgtttccctt	gttcactatt	60
gcctgctagt	tcattcttga	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	ttttctctct	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatata	ctccatttta	tctcttgcat	cctgctgagc	240
atctcttaat	tgtctggatt	ttctctccact	agtctctctc	ttagcagaaa	gctcatcaag	300

<210> 747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 747

ccgaagaaat	ataacacatt	ttggacctac	aactcttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgacctc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaatacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctgggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaacctc	cctgggggctt	gcccatagat	gctgttcagt	gggatattctg	300

<210> 748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtgg	cacccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggctcag	ttagagggca	180
atgcagccac	ttcctatcag	aagcagactg	acaaaccag	ccactgtagc	cagtttgtga	240
cacctccgcg	gatgaggaga	cagttctcag	caccaatct	caaagctgg	cgagaaacca	300

<210> 749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tggaggatat	cgaacgcca	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggatttaca	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

<210> 750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 750

gacagacct	acttccagca	ttcccaaacc	tctgcttcca	gttggaaca	aacctttaat	60
ttggtaccca	ttgaacctgc	ttgagcgtgt	tggatttgaa	gaagtcattg	tggttacaac	120
cagggatgtt	caaaaggctc	tatgtgcaga	attcaagatg	aaaatgaagc	cagatattgt	180
gtgtattcct	gatgatgctg	acatgggaac	tgcagattct	ttgcgctaca	tatatccaaa	240
acttaagaca	gatgtgctgg	tgctgagctg	tgatctgata	acagacgttg	ccttacatga	300

<210> 751  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 751  
 gttgtatttg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg 60  
 attccttttg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct 120  
 gtccttgata ttcatacaaga tttagactgg aatcctaag tttctaccct gaatgtctgg 180  
 cctctttata tctgtgatga tggcgcggtc atattttata gggataaaac agaagaatta 240  
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 752  
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60  
 gacagcttc ctgggaggga acatcttaac gaacctggta ctagagaagg acagactcgt 120  
 ctaatcagag atggggagaa agtcgaagcc tatcagtga gtgttagtga agggaggtgg 180  
 ataaaaattg gtgatgttg tggctcatct ggtgctaata agcaaaccatc tggaaaagtt 240  
 ttatatgaag ggaaagaatt tgattatgtt ttctcaattg atgtcaatga aggtggacca 300

<210> 753  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 753  
 gacagactcg tctaatacaga gatggggaga aagtcgaagc ctatcagtgg agtggttagtg 60  
 aaggaggtg gataaaaatt ggtgatgttg ttggctcatc tggcgctaata cagcaaaccat 120  
 ctggaaaagt ttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180  
 aagggtgacc atcatataaa ttgccatata ataccagtga tgaccttgg ttaactgcat 240  
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaaattta 300

<210> 754  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 754  
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60  
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120  
 tcatcttcgt ccagaacagc ggttggtctt attgcatgaa ggtactgggc ctcgtgttat 180  
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttacca tgcataaaga 240  
 ggaagtttca cttcgaagag ttattgggtc caaaaaggat cagtatttct tagacaagaa 300

<210> 755  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 755  
 cagcggatgg ccgaaaatct aggtctcgtt gggcctttga aaagccaggc tgcagatcaa 60  
 attacgaagc tgtataatct ctctctgaaa attgatgcta ctcaggtgga agtgaatccc 120

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tttgggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac      180
aacgcagaat tccgacaaaa agacatatct gctatggacg acaaatacaga gaatgagccc      240
attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc      300

```

```

<210> 756
<211> 191
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

```

```

<400> 756
cccagctcct tgggaggctg aggcgggaga attgcttgaa cccggggacg gaggttgacg      60
tgagccgaga tcgcactgct gtacccagcc tgggccacag tgcaagactc catctcaaaa      120
aaaaaaaaann aaaaaaaaaan ccctgttaan nncannngtn taagngaata gttnangnct      180
ttaaannagg t                                     191

```

```

<210> 757
<211> 179
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

```

```

<400> 757
caaataagtt aaatgtatat ggcattggat tggaattgga ggtatcagtg tgaactcatg      60
gttttggggt ttttgttttt tgcttttttt gttttgtttt tgttttttga ggcaggggtgt      120
cactctgttg ccaggtctgg agtgcattag ncaccatnac agntnagcac annctatgc      179

```

```

<210> 758
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 758
caacagtccc aaccagtcga attagaccca tttgggtgctg ctccatttcc ttctaaacag      60
tagatacttc tgatggattc tcggcattaa ctctgttttc ataaaagtgt gaacagtttt      120
atgaatttga aagaaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta      180
ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt      240
gatncctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgtact      300

```

```

<210> 759
<211> 62
<212> DNA
<213> Homo sapiens

```

<400> 759  
 ggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60  
 tt 62

<210> 760  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 760  
 cacaagggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60  
 aatacaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120  
 gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180  
 ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240  
 gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgcgaat 300

<210> 761  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 761  
 tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60  
 attattgttg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120  
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180  
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240  
 caattgggtgg gccaggtatg gtgggtggct catgcctgta atcccagccc tctgggaggc 300

<210> 762  
 <211> 284  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (284)  
 <223> n = A,T,C or G

<400> 762  
 cctttaaaag gcagctgcaa atgaccatt tttgtgataa aactaactca gagtacagggt 60  
 gcaacccac tgatgtaaac agcttttgag gctttgagggt tttagatgac agtcatctaa 120  
 aacaccagct tctcaaatac atcagcttca ggccctgggt gagcctgagg agcctcctag 180  
 gaagttagag atttttgagc tcaaagggct caggagaggc ccaatagttt tcatgcttca 240  
 ttaacccgaa ggcttcccga caatcgncca agggtttcta aaag 284

<210> 763  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 763  
 caaagatact ggatactaga aggcagtgga ggaaggctctt ccaagtgagg atgaaacatt 60  
 ttaaaccctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120  
 atgttgactt ccataaaca ctattttatt ttatttttat ttattattt tattttattg 180  
 tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240  
 acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(295)  
 <223> n = A,T,C or G

<400> 764  
 ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60  
 tcatggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120  
 cctggaggggc ggaggttgca gtgagacgat accgtaccac tgcactccag cctggggcaac 180  
 agcaagactc cgtctccaaa aaaaaaaatt taaaangatt tttnttatgg nggtttcana 240  
 aatggttggtg nggcaggctg gntgnantgg cacangcctg nantnccagc actttt 295

<210> 765  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(297)  
 <223> n = A,T,C or G

<400> 765  
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 gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120  
 anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt 180  
 gaacaataac tccccacctc cccttcccct agcaacagcc accccttttg tctctatcat 240  
 caacttcact actcatatct ctcatgtaag tggaaatcata cagtatttgt ccttttg 297

<210> 766  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 766  
 ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc 60  
 atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120  
 ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180  
 tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa 240  
 ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaagggtctt 300

<210> 767  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G



&lt;400&gt; 767

cgagttttttt	ttttttttttt	tttaatanat	ncggcanttt	natttcaatc	gcccnaancna	60
anttancnng	nngnaancctt	aaangaacca	anttnaaccn	aaanagttcc	ggnaaaaaata	120
ncaaaaaancn	gaaantntnta	aaagggaagn	ccccctaaaa	ncnngaaaat	tcaccntttn	180
ttagggttnc	ntnttcantt	tngatngnnc	ctngaggetn	gcaanttttn	aancaancctt	240
tnaaatcnng	angnctnttn	tgaaaaanatt	tcanceccan	cnetaaaatt		290

&lt;210&gt; 768

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 768

agggacaagg	ctataaatat	cattaataacc	agggttcagga	gtttgcactg	cactaaaaat	60
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	120
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	180
tttttttttaa	gcggtctgtgc	tgaggatgag	cccatgttag	ttggtgcagg	tggggacaca	240
ctgcctgtgt	aactagaaaa	actaggcatg	gccggggcacg	gtgggtcaca	cctgtaatcc	300

&lt;210&gt; 769

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 769

ctgcaatttc	tccaaagctt	gccactttcc	agcctgtttc	cccaattcct	ctgtgctctc	60
ctagagctct	gtctgaatcc	tcgcagccac	acctaggtct	gagaactcag	gctttgagtt	120
actgatcttc	cttggtattag	gagaacaggt	gttccctctc	cctctctcta	gcagccctaa	180
tgtctgacct	agcctatcaa	gccttaggcg	ctggaagaac	ccttctcaga	cacgcaggac	240
ccaggtaaag	tcaaagcttt	gcccttttgc	ccactgtctg	ctaccagggc	tcacccactg	300

&lt;210&gt; 770

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 770

aggggcctta	cattactttc	ttgcagcact	gatggctttt	gtttgaggct	gcacaaattc	60
ctgcatttcc	cttgggttga	atggtaggga	tgcgggcagt	tgggtgactg	gtgaaccacc	120
tgacttgagc	agggctacga	ctctctctgc	aaacgaaacc	cagagacatg	aacagtgtctg	180
agattttctca	gtggtttccc	atgtaggetg	ctttccaagg	gcagcaagca	tggcttcctc	240
actcaccag	tgcttctgat	tcagcactgt	gatgtctcgg	taagttttta	tgaggtttta	300

&lt;210&gt; 771

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 771

caagattgag	cacacggaga	cagatactgt	ggaccccaga	agcaatggac	ggccccccac	60
tgtctgtct	gtccccaaat	ctgcgaaata	catcgctcag	gtgctgcagg	actcagaggt	120
ggacggggat	ggggatgggg	ctcctgggag	ctcaggggat	gagcccccat	catcctcatc	180
ccaagatgag	gagttgtga	tgccaccgga	cgccctcacg	gacacagact	tccagtcttg	240
cgaggacagc	ctcatagaga	atgagattca	ccagtaaggg	gagggagggg	ccctggaggc	300

&lt;210&gt; 772

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 772  
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 <213> Homo sapiens

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 <213> Homo sapiens

<400> 776  
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caactgcttg gagctccaca ctcccttttc ggcactcagg ctctgggtgct gttgccaatc      240
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<212> DNA
<213> Homo sapiens

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aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta      180
caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa      240
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tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact      180
caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg      240
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<210> 779
<211> 300
<212> DNA
<213> Homo sapiens

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cactggagac tgttctctgt gaggccactt caaggctgcc ccggaggctc cccaacctgc      240
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<211> 294
<212> DNA
<213> Homo sapiens

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<222> (1)...(294)
<223> n = A,T,C or G

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&lt;210&gt; 781

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 781

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&lt;210&gt; 782

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 782

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&lt;210&gt; 783

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 783

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&lt;210&gt; 784

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 784

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&lt;210&gt; 785

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

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<223> n = A,T,C or G

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<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

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<210> 787

<211> 300

<212> DNA

<213> Homo sapiens

<400> 787

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<210> 788

<211> 300

<212> DNA

<213> Homo sapiens

<400> 788

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<210> 789

<211> 300

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 790

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 790

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&lt;210&gt; 791

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 791

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&lt;210&gt; 792

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 792

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&lt;210&gt; 793

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 793

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&lt;210&gt; 794

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 794

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 795

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&lt;210&gt; 796

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 796

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 797

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&lt;210&gt; 798

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 798

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<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<212> DNA

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 804

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&lt;210&gt; 805

&lt;211&gt; 290

&lt;212&gt; DNA

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&lt;400&gt; 805

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&lt;210&gt; 806

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 806

ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttggtca	ctgctgaatg	60
ggtgagaata	ggcttggttc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcacttatc	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagtttgg	ggtcaactag	gctgatgtct	ttgaacaccc	300

&lt;210&gt; 807

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 807

atcgagacca	tcctggctaa	cacgggtgaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcagggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgaggaggcg	agcttgcatg	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaaata	aaatgggaat	atcaataggg	240
cctattttagt	aggggtggaag	tatagctcta	atgagatggg	ccatactggg	ccccagcac	300

&lt;210&gt; 808

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 808

aaatattttc	attgggttata	caactgctgt	gtctttttctg	agaaactcag	ccccaatgtg	60
taacaccctg	gattccacgg	ggcagcaaat	tccacacact	gcacccatgc	tgtgagcgga	120
gattttcggg	ctgacccaaa	cttgaggcga	actgagtctc	catcttaaca	ctcaaacaca	180
cttcattggc	gacctggaaac	aaggcaatca	ttatgaagct	tcagcccagt	tcttctgaaa	240
ccaacgtatt	gggcctgctt	cattgtctct	ctaggggcta	atcacaaaca	tgtgggaagg	300

&lt;210&gt; 809

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 809

gtgggtggctc	acgcctgtaa	tcccaaagt	catggattac	aggtgtgagt	gagccaccgc	60
ggccggcctc	tatcattttc	tgactcagca	gctccacca	aattgacatc	ctagcaaaca	120
ctgtgaagga	attaacctaa	gtgcttccag	agcatctcat	gtaacctcta	tggagtaagt	180
cactttttct	gtaacatgtg	gcttttgacc	ttgatgaaga	ctttgacttc	tcattccctgt	240
ctacatggag	gaagatgatt	cagtgggtgg	gaaaatgaac	ctcggtaaca	tttccaatgt	300

&lt;210&gt; 810

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 810

ttatgaccta	tctttgttaa	ttttcctcct	tttccaggcc	tgattcctct	ttttggatag	60
aggaatat	ttgaattctg	gttttgaaat	atgaggggaag	gccaagtctc	ttaggaaagt	120
ttacataaa	catctactta	gcatagccga	atagttcctg	actacaccag	aaaagaagtt	180
tgagcttcca	gtctttttta	ttgtagacag	gaaggtaggc	aggagagcaa	taggaaggct	240
cgacagga	gcagtttctc	agtcggtagc	aaagggaagg	tttaggtcca	gtttgtgcag	300

&lt;210&gt; 811

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 811

cagctatagc	actaggcagc	cttgcatcct	gggtgttgaa	agtgcaggcc	attatcctcc	60
cctctgacct	ccaagatgtt	aggtggcctt	tctgtgcctc	agttttatca	tctgtaaatt	120
gggtatgatt	gtactagtgc	ctagtacata	aggagtgtct	caaagattac	atgagtgtct	180
ttaaagtcct	tacaacagta	tctcacacat	agtaagcatg	gcattgtgga	gttactatca	240
ttagtccctc	ttggagcaat	gtatattaaa	attttaaaga	cagctgtctg	gtcaggattg	300

&lt;210&gt; 812

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 812

```

ggcacagtca gggagttagt tagtggtaga ctcagcagga gttggttgct attcagatgt      60
gttgggggaaa gtgacaggca tagctgactc ggggtcattc actaagccag gagcccagga      120
agacacacag atgcaagcag agatcgtgcc attacactcc agcctgggct acagagtgg      180
actctgtgtc aaaaaaaaaa nnaannaaan gggccttgng tggtagcagg tanaaaattg      240
aatntcngtt gncatnagmn acctgtncgt tatgatcnct tcccatcccc cagntgacgg      300

```

&lt;210&gt; 813

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 813

```

ccctccttgc ccagagcagg cattgtcat ccactaggca cttcttcttg ccaaggcacc      60
tcttctgcc aagtcagtgt ctcacgatcc ctttcaacac agccacgagg aagccatgat      120
acatcaactg gcactggcaa ataaaaatcaa acctatttgc ctatccagtc ttatcccact      180
ttgttggttt ctctaagtag ttggaaaaca acatgtccag agaaaaatac cagaacttat      240
tctgagtatg ttcttcagag caaaccttta gaatcttaat gatgtttaga cactcaggaa      300

```

&lt;210&gt; 814

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(162)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 814

```

ctcggagcca ccccggaaga ccatgcgcag aggggtgctg atgacctgc tgcagcagtc      60
ggtacatgac cctgccccctg tggatcgcta agcctggtga ctagctanna cctatntggg      120
gctcntcttt gtttnngana ctacatagga cgatcgtgga ta                          162

```

&lt;210&gt; 815

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 815

```

ggcaacaaga caaaaactct gtctcaaaca aacaaacaaa caaacaaaaa acaatcacat      60
tcaaagctta gccaggagaa aaggcgctag gagatacccc actgggatcc ttgaagaatc      120
ataacctaaa aatagatgtg aacctgaagt agacaagcga tacaaaatct cagtgaagtc      180
agtctgggat tggtttagct tgatcactcc cattcagctg cctaccagag gactgggcga      240
acgatcactg aagaaagatg ggagtctcta cttttctcat aagttgtttc aatgaaaaat      300

```

&lt;210&gt; 816

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 816

```

ttgacggcgc gggetctgga ctgctgctt ggtaaaaacc ttcctcttcc tccagtgcgg      60
gacgcactct ctggtatctc ttttgacctc ccggaggctt tcttttgcg gtcgcggcgc      120
cactgtacta tggcatacct cgttttatta cgcttcgcag atagggcatt ctgaaaacaa      180
atggagggtt tgtggcagcc ctgagtcag caattgtatc agcgccattt ttccaacagc      240

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atgtgtctcac ttggtgtctc tgtgttacat ttgggtaatt ctcaaaatat ttaaaacttt 300

<210> 817  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 817

cagagcttag acatccaaaa ctaatcaatg ctgagggtggc taaataccta gcctttttaca 60  
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg ggggttaattt 120  
atcattcaaa aatcttgcac tttcaaaaat tcagtgcacg cgccaggcga tttgtgtcta 180  
aggatacgat tttgaaccat atgggcagtg tacaaaatat gaaacaactg tttccacact 240  
tgcacctgat caaaagcagt gcttctccat ttgttttgca aaaaaatgtt tttcatttcc 300

<210> 818  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 818

gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60  
aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120  
ccaggaactg tcttggcaga taagacagac tgtgcaaggt catcgtcac ggcatgggaa 180  
gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240  
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcggggact gctgccccat 300

<210> 819  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 819

agtgtgatct gcaggggagag aaccaattac agtatgcttg gagagggtga cattttattct 60  
gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120  
gaggatgggc atatttttaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180  
taattgagtt gctgatacaa gtgggtactt gcaccaggtc cgggtcacco acatctctat 240  
ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 820

attaaagtgt aagcctttct aatttttgaa ggttgagcac ttggttatt catggtttta 60  
tatgacgac atctttttat catcgctgca gttttctatt ttgacttgaa ttggaggcag 120  
agctccacca cccagtggtg tctgtctgatt tcccagacta gagtccagcc tttcctgtgc 180  
ttgcctggct tccctccatg ttgttctcta ccccaccatc tatacccttc acatccaaaa 240  
tccaaaacct cacactcata cgagaatccc tgttaggggtc ggtttatatt tacacactaa 300

<210> 821  
<211> 272  
<212> DNA  
<213> Homo sapiens

<220>

<221> misc\_feature  
 <222> (1) ... (272)  
 <223> n = A,T,C or G

<400> 821  
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 gagaggggtcc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtnccttg 120  
 nctgatcacc tggggatnac cccctgnaccc ntgtnttgnt caggacntct tatagtnct 180  
 nnngtntct tttntnant gttgtntga tnnntnttn nttntntggn gcttnaaggt 240  
 ntatgtntn tngtggtnat tttanntgat tt 272

<210> 822  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 822  
 cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60  
 tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgaccttca 120  
 gttttgggga agggaccaga gtcggccag tgagaagctt ccagctccgt ctggccatat 180  
 ccaggctgct gaggtcctg ggctctgtcc ttaaacctca tcaactgacat gaccagcaa 240  
 acctcctcaa gaggaanaag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 823  
 ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggttaac 60  
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 gttcatgttt gctttttggg aggtgctgcg cttaaagtga aaaccacctt gggccgagtg 180  
 ggacctcccc agctgggcgg ctgttaacca gccaggatgt ctgacctga gaagtcaccg 240  
 tgcactcttg ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg 300

<210> 824  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 824  
 ggcagagaat cccttgtaga aaggtggggg agaatcatag gatattataa ctgtaaggaa 60  
 catgcaagat ttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120  
 cttgcttaaa gtcgtccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180  
 ctttattgag tactttgtac aattgggtga gactgggaga gccctcctca cttccccctt 240  
 cttgtgctgt aatttcctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (269)  
 <223> n = A,T,C or G

&lt;400&gt; 825

gaacaagctc	agcctcatca	acttcagggtg	agtgttgggc	tagaggtaga	ctaggccttg	60
aggtcacagc	ctgctctcca	cacagtgagc	tccagactcg	agattttctc	tcattccatt	120
ttggttctca	gggaaagagt	gaggcaggca	gcactccctc	gactcacact	ggcttctgca	180
taggggtgctc	tggggaagct	tggecttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgect	atttagnat				269

&lt;210&gt; 826

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 826

cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgtgg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggg	atgaagatgt	cttaccaggt	120
acaacaggca	atcaacacat	gcctaaaaga	tcttctaagg	ggtttcagac	aagacgagtc	180
ctctagcgct	tttgtttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agcctttctt	attttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

&lt;210&gt; 827

&lt;211&gt; 179

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(179)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 827

gagctgctca	gagctgcctt	gaaggacggc	cactcaggcg	tgccctgtg	ctgtgccacc	60
ctgcagtggc	tccttgctga	gaatgctgct	gtggacgtcg	tgagggcccg	agcactatct	120
tccatccagg	gagtggncct	tgatggcgcc	aacgttcacc	tcatngtncg	anaggatgg	179

&lt;210&gt; 828

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 828

gcttgaagtc	tccttggaat	ctttccttgt	ggtgcacatg	ttcttttgat	tttattccac	60
ctttgattgt	cccatagcaa	aacaaagaac	ccacttaatg	gaagaacttg	acattctccc	120
atgtttgttt	caaagccaca	taggcatgtg	tctacgagat	gctgctttga	taatgagttg	180
gttatactcc	tgcactctac	tcaattgcat	aaacattctc	taattcctaa	tggaaaggct	240
gaagaacctt	aagcctactc	acttggacct	gctgttgatg	agtgcctggg	atgctgagtt	300

&lt;210&gt; 829

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 829

ggtaagtaac	ctgtgcagag	cacagaacta	ggattcagac	ctacagaccc	acaagtcagc	60
ctctaaggcc	cacttataac	tgctcttctg	cttgcaaggc	cctatggatg	aaatccagtt	120
ataacctcct	tttgctataa	ctagacacag	agggaggcgt	ttctccctaa	tctgtattta	180
tccagacaag	ctgtccagca	agattttctga	gtgagggggc	ttaaggaagc	aatctgcggg	240

tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggt ctcaccctgc 300

<210> 830  
 <211> 296  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(296)  
 <223> n = A,T,C or G

<400> 830  
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 cccgggcnncn ccnnnggntn cngggntggg ngctnnaccn tccccccctc agggntatnt 120  
 ttncctntnc ccttnccctn ccgncnanan ntttncnngg ggngggcnaa aaaaaaagtn 180  
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240  
 ttttgctgat tcttattctt ttataattat gcgggaagaa gtagacacat taaacg 296

<210> 831  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 831  
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 tccccctgcyg ccttccgtgg tcacagcaac agggactgct cccccctcc agctggggct 120  
 tttctaacaa gcacagtcag aaatgcgcag gcctgggggtt ggggatgaac agaagttgat 180  
 tagtgggcac agaaatacag ttagatagaa ggaatagttc cagcattcga tattacagta 240  
 ggggagactgc atttaacaat aattgattgt atatttgaag acagctagaa gaataagaat 300

<210> 832  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 832  
 ggcacttgag aagtctaaga gaagctctaa gacgtttaag gaaatgctgc aggacagggg 60  
 atccccaaat caaaagtcta cagtcccgtc aagaaggaga atgtattctt ttgatgatgt 120  
 gctggaggaa ggaaagcgac cccctacaat gactgtgtca gaagcaagtt accagagtga 180  
 gagagtagaa gagaaggagg caacttatcc ttcagaaatt cccaaagaag attctaccac 240  
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<210> 833  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 833  
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 acccataaaa agtgtcaaaag gcaaataatt tgctctagat cacaaaacta gttagcacia 120  
 ggctaggatt ataaccagggt tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180  
 gccctgtcaa gccacctgct aaggctcatg gtctttcaga ctacgttcaa cattccaaat 240  
 caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtccctagt 300

<210> 834

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 834  
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 ttattgtaac acacatgatg aaggagtttc ctatggatct ctatatacgc tgcattccagg 120  
 tagtacacaa actgctctgc taccagaaga agtgtcgggt acgcttgcac tacacctggc 180  
 gggagctctg gtcagccttg ataaatttgc tgaagtccct tatgtcaaat gagactgtac 240  
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<210> 835  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 835  
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 ctggaaacca agggtttgca gctcctaaac ctattgcatt aggcacaccc aagaagaaat 180  
 cctgttcgat gcacatgtct cagtttcaat cagcaacaag gtcaaaaagt tcccccaact 240  
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<210> 836  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 836  
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 gttctgacag actcatgtct ttcagatttt ctctgatcgg cgcacccccc ccccttgaca 180  
 gttaccagag ctcataagcc aaaggaaata gttcctgttg ccattgagta tgtgtctgtg 240  
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<210> 837  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 837  
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 gaactgggtc atagaccacc tgtgtcacca acagccagat acctaattccc tgagcctcct 180  
 ttgggaaggt ctggggccga gggctctggga attttttttt ttttttttngg nacanagtct 240  
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<210> 838  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



&lt;400&gt; 838

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cgggagggt	gcggcaagag	gattgcttga	gcccaggagt	tcgagtcctaa	cctggggcaaa	120
agagtgaac	cccatctcta	aaacccaaaa	ggtaccttag	aaggtcacct	ggttggctaa	180
ccttttaaag	gcaggggctg	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gcccagaggg	agaagcactg	agcctgaaga	aactagatga	300

&lt;210&gt; 839

&lt;211&gt; 270

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(270)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 839

atnnnntcg	nnaannatnc	nagaaattnn	naagtnttna	ncanananaa	naaatnancn	60
cgcnaangna	aaannnnngn	nnnncgaccc	caccagctct	gtataggcct	caaaggggct	120
gggagtgggc	tgccctcggg	gtaggtgagc	ttggcaacgt	gtcttcaggt	tgagagagag	180
ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240
agtggagaac	aatttgagga	ctgaaataag				270

&lt;210&gt; 840

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 840

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aaaagtgtta	aatagcaatc	ctcccccat	cataaagtat	ttagccttgc	aggacctgat	240
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&lt;210&gt; 841

&lt;211&gt; 277

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(277)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 841

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cccantgnaa	ganancctta	angnncagca	tttagtg			277

&lt;210&gt; 842

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

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<221> misc\_feature

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<223> n = A,T,C or G

<400> 842

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gggcattaat	taccaaagt	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
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<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

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<210> 844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 844

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ttcttcccat	gggcagcctt	atatatgatt	gaagaacatt	agtgcaaaga	ttcctcatcc	180
agaaataaac	tcttgtactt	ctatacta	taaagattca	tgtaaattac	taagtctctg	240
gaaaactatg	gagaactctg	tgggggctgt	cattcacact	ttagtatgaa	ttggtttaat	300

<210> 845

<211> 291

<212> DNA

<213> Homo sapiens

<400> 845

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ttttcccta	ggcagggatg	gaggggcgtg	tcagtcctgt	ataatttga	gtgactggag	180
gggtgggggt	attgatgcat	ggtattccag	taaacttctc	tgcttgtgtc	ctaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a	291

<210> 846

<211> 300

<212> DNA

<213> Homo sapiens

<400> 846

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cctctctgga	ttctaacact	tgtgccattg	tgcattccgtc	tcagggtcatg	gtgctgttac	240
ttggtgagaa	agcattatatt	aaatacccca	gatgaggagt	taggcacttt	ctccagtttt	300

&lt;210&gt; 847

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 847

cacctaacat	taggtggcac	ttaatagtga	tgataatcac	ttatggagtc	tactaagatg	60
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cttactgatg	agtacggggg	cttggcaaag	taggtatgtt	gttcatatta	cacagctagt	180
aagtggaaga	gtcaatatca	tatactccca	gattcagaac	tttaaataac	cccatgctac	240
cttctaggga	aagcttctgc	tatgtgtttg	gaggggttagg	tgagagaaag	gtgaatttta	300

&lt;210&gt; 848

&lt;211&gt; 181

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (181)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 848

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cannatggnc	anaatanttn	nccttatctt	tnntgnctng	aanntnnntc	tgnnngtnctn	180
t						181

&lt;210&gt; 849

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 849

ctccctggta	ccctgactac	caggaagtca	ggtgctagag	cagctggaga	agtgcaggca	60
gcctgtgctt	ccacagatgg	gggtgctgct	gcaacaaggc	tttcaatgtg	cccatcttag	120
gtgggagaag	ctagatcctg	tgcagcagcc	tggtaaagtc	tgaggaggtt	ccattgctct	180
tctgtgtgct	gtcctttgct	tctcaacggg	ggctcgtctt	acagtctaga	gcacatgcag	240
ctaacttggt	cctctgctta	tgcattgagg	ttaaattaac	aaccataacc	ttcatttgaa	300

&lt;210&gt; 850

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 850

cagagatgag	tcagaacagt	ctcctcaatc	ctgaaattca	acaaggcatc	agaagggctg	60
getgtggtea	agcccagctg	ctgtcatgtg	aggagatget	cactgtggtc	ttgttgagct	120
gatggccttg	gttgagctga	tggacaagtg	aaggaggcca	tggggctgtg	ctgtccttcc	180
tgcctgacgt	gccattccac	tctcttcagc	tctccctcca	acagcatgcg	agcccatacc	240

ttctgcattt ttccaggcct gtgagggata taggcctccc cttggagcac tgagtccgga 300

<210> 851  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 851  
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 agcctctcga ggtaggggct tggcaccocg ttgtccagct gtgtgtggcc tttctgaatg 180  
 acgtggttct tgggcatctg agccagtcgc cagccatgtg cctgccccca caggccctgg 240  
 gagttcctgg taggatccca cagctgttgg caagtctgag gtttgccctt gcagatggaa 300

<210> 852  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 852  
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 gggaaatctgg acacgtttct taccctttgg gcctcagttt cctcatctgt agaatgggaa 120  
 tgacaacagt acctacctca tgggggttaag gctcaggcca gttaacaccc taaggagcga 180  
 tgccttggat gtcgtaaatg ctagaaaagc atgagttgtt atgaataggt cctggtgccc 240  
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<210> 853  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 853  
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 aaacagaatt ttacagagaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180  
 tcttgatcga gaagcggctt tggcaaaaca agccaagatt gactttgaag aacaattcct 240  
 taaagaaaag agatttcatg atcagattgc tgtggaaaga gctcaagctc gttatgaaaa 300

<210> 854  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 854  
 aatgtatttt ttcagtaagc acccagaggc ctccattcag gctgtttttt cagatgccca 60  
 aatgcatttt tgggcattag aaggtctgtc gcacttagta gcagcatcat ttacagagga 120  
 tagatttggg gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180  
 agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240  
 aggaagcctt gtggacactt catataaaac attaagattt gcattcagag catcactgaa 300

<210> 855  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 855

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cttttttaag caaagcagtt tctagttaat gtagcatctt ggacttttggg gcgtcattct      60
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gcttcttcac ccagacacca aggtatgaga tggccctgcc aagtgtcggc ctctcctggt      180
aaacaaaaac attctaaagc cattgttctt gcttcatgga caagaggcag ccggagagag      240
tgccagggtg ccttgggtctg agctggcatc cccatgtctt ctgtgtccga gggcagcatg      300

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&lt;210&gt; 856

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 856

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ctgacctctt cctcagagaa agcaactggcc aaccagttcc tggcccttgg cegtgtgcc      60
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tacaccagcg agatgcggag tgagctacta ggcacggact ctgcagggtga gtcaccatga      180
acacaacagg acttgagggc cagctgacta ggacaagaca tgtatccttg ctgccccggg      240
gcctccatgc cgagactcca tgccctgact ccaacaggag catcaccaaa ctacacctgg      300

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&lt;210&gt; 857

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 857

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ggagggcagg agagtgacca agcagctaga agagaggggtg cagcacccca aggagaggac      60
tgggggagtg ggtgttccag gaagggctct ggcatgtaaa gctgcacaga agtcaaata      120
gataaagcct gagagggatc catgggattt cttggcaaag ggattgttgg tgataccagg      180
aagagcagct tcagtggctc atggggagag aagccagatt acaggagatc agcaactgag      240
agagtgagtg gagagcatct tttaagaatg tcttgagtgc gggccggctg cgggtggctca      300

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&lt;210&gt; 858

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 858

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ggagtgggga gagggccac acatattgga aatgcagtgt ctgtctctc cctgaactt      60
ctggaaggat caaatctgat acacacaggc aggtgtgttc aaagtgtcct gggggtgctg      120
atggaagaaa gtgggagtg ctgccatggg ctgggtcagt taacaccggg ggtcggcagg      180
ctgatgggtc aggagagact gagtctacct cccctttggg agggatcaga aaaatcagag      240
aaggggagct gaaggctcca cagcaggggg ctgtggactc aggtgaagg acctctgagt      300

```

&lt;210&gt; 859

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 859

```

cacttgtcag gggagagggg acagcaaggt gggaggttga agagctttga ggctcagcag      60
catgtttgtg gcattcgggt gacaccatgg ccttgggcgg ctggacaggt ttttgtgatg      120
tgagggacac gcatggggca catggttaagc ttggcaaggg ctccaggaac gctgacgaag      180
ggttttagga cccccacccc catgcctgta ccagggtctg cctccagagc gggtgaggac      240
agagcagctg tgggcttttc attctgaggt cttggccccc ctggccaccg caagggactc      300

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&lt;210&gt; 860

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 860

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtctgt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

&lt;210&gt; 861

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 861

ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
ccgcctggta	cgcgcatca	ttcgcattag	tacccgaaag	agccgtgtct	gcccacagac	120
ctcggagggg	cggtcaactc	gggctgctgc	cccaaccgct	gctgcccctg	acagtggcca	180
tgagaccatg	gtgggctcag	gtctcagcca	ggatgagctg	acagtgcaga	tctcccagga	240
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&lt;210&gt; 862

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 862

ataacctcgg	ctgtttacag	tgaggccccg	agcgtcttgg	ctgccgccct	gctccacgca	60
gtctgtttca	gtgcagtga	ggaaccgtgg	agcatgcaac	acatcccggc	actgttttcg	120
gccttctgtg	gcctcttggg	cgccctttct	taccatctga	gccgtcagag	cagtgaacca	180
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&lt;210&gt; 863

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 863

ctccaacctg	caggtgcctc	ctccagagcc	agctctgata	ctcattttta	aaaccatccc	60
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tcatcccaca	ctaagaatgg	tccaacagaa	accagcctgg	tcccagggtg	ggctcaggct	240
caggccacgt	gccaccaagt	catctatgtg	aatatagtga	taaaaatgcc	caacgttgac	300

&lt;210&gt; 864

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 864

ataacgcccg	tggtgcccc	tccctatagg	agctgggtgag	attgcagcct	gctgcctccc	60
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ttctggaagg	aggtggtgta	atgaatctca	accccgccaa	caacctcctt	caccagccgc	180
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ggcatgaaat tcctcctcag tactggacca agtaccaggt gtgggagtggt ctccagcacc 300

<210> 865

<211> 300

<212> DNA

<213> Homo sapiens

<400> 865

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tgccctacac	tgggtggccc	cttcccctgg	cctgaagtgt	cagcacctgc	aggctaaacc	180
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<210> 866

<211> 300

<212> DNA

<213> Homo sapiens

<400> 866

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gcgagctgta	tggtctgtgg	atgaccttcc	tcccagagtgt	gctcaccaga	agccccaacc	180
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<210> 867

<211> 300

<212> DNA

<213> Homo sapiens

<400> 867

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ggttacagag	gagactgaca	gaggaattcc	agaatgtaag	gatcatcaaa	cctgaagcca	180
gcagaaaaga	gtcatcagaa	gtgtacttct	tggccacaca	gtaccacgga	aggaagggca	240
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<210> 868

<211> 300

<212> DNA

<213> Homo sapiens

<400> 868

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cggccggcgc	tgccctccctc	tctctatgga	cgtccgagcg	ccccagctg	tcatggccgc	180
cgtggaccag	gctctgaagg	agtttggcag	aatcgacatt	ctcatctaact	gtgcggccgg	240
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<210> 869

<211> 300

<212> DNA

<213> Homo sapiens

<400> 869

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agtgagtggg cttaccaaaa atccagtatc cttgccatcc ttgccaaatc ccactaaacc      60
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caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag      180
ccacaaggac ttctttaccc acagaggggc catcaggact ctatagtcca tcaactaatc      240
gaggtcctat acagatgaaa attccaattt ctgcatttag tacttctgtc gctgcagaac      300

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&lt;210&gt; 870

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 870

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gccaggaggg cctccagggg ttccctgttg aggtcacccc agacaatgcc tgcagcccca      60
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ctgccccatt tgcaagcagc ctgttcacgc gggctcctggg gacgaagacc aagaggaaga      180
aactcaaggg caagaggagg gtgatgaagg ggagccaagg gaccaccctg cctcagaaag      240
gacccactt ttgggttcta gcccactct tcccactcc ttggttctt tagccccaac      300

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&lt;210&gt; 871

&lt;211&gt; 292

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(292)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 871

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tncagtnccg anacntggag gagggcncca gcccttctac cctgnagagt ttntccnagc      180
ancttnnctg tggccgactt gaggnntcct tntgncnngn ttangattgc tnccatnttn      240
gggagnatgn cttttntag ctttttnngg tntttntna tttnnncttt tt                292

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&lt;210&gt; 872

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 872

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gtcattccca tacaatgcaa catccggaat gaggaggagg agaataatth ggtcaaattct      60
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tcccctgctg aacacatcag ttctaaggga tggcacgctg agcttgagac caacctgacg      180
ggtaccttct acatgtgcaa agcagtttac agctcctgga tgaaagagca tggaggatct      240
atcgtcaata tcattgtccc tactaaagct ggatttccat tagctgtgca ttctggagct      300

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&lt;210&gt; 873

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 873

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cccaagtcag tgtgtgggtg cccgaacctt aggcaaacag caaactgtca tggccattgc      60
tacaaagatt gccctacaga tgaactgcaa gatgggagga gagctctgga ggggtggacat      120
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 879

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 880

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 881

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 882

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 893

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 894

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 895

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&lt;211&gt; 300

&lt;212&gt; DNA

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&lt;400&gt; 896

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&lt;211&gt; 300

&lt;212&gt; DNA

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&lt;400&gt; 897

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 898

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&lt;210&gt; 899

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 900

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 900

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&lt;212&gt; DNA

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&lt;400&gt; 901

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&lt;210&gt; 902

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;223&gt; n = A,T,C or G

&lt;400&gt; 902

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&lt;211&gt; 300

&lt;212&gt; DNA

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&lt;400&gt; 903

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 904

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 905

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&lt;210&gt; 906

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 906

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&lt;210&gt; 907

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 907

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gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtgac	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagttgatg	tttatgttgg	300

&lt;210&gt; 908

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 908

tcaccatgtt	gccaggcta	gtcttgaact	cctgggctcg	aatgatcctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagtg	tatgattatg	120
catgagtcac	gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

&lt;210&gt; 909

&lt;211&gt; 147

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 909

gtcttctgt	gcagggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
ttcccaggcg	ttcttctctg	ggtgctttat	tctcttcttt	ttctttattt	cgccccacc	120
cccatccct	gccttttttt	ttttttt				147

&lt;210&gt; 910

&lt;211&gt; 274

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;



<221> misc\_feature  
 <222> (1)...(274)  
 <223> n = A,T,C or G

<400> 910  
 ccaacttggg tgaaggccag cgcagagccc aaactttgtg aatcagtaac acgtgtatgg 60  
 aacattcact tacatgcaca gaggtgcca gggacagcct aatttaagat tcatataaac 120  
 acatttatct ggcaacataa gttaatatgt tggtaggagt cccaccaagt taaaattcta 180  
 aagtgtttga atatgggcat ttttaaagaa agaattctgca taccataaat tcacgctttt 240  
 aagtgtatga ntcannngna anantggatn nnca 274

<210> 911  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 911  
 aacagataga gacttgggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60  
 ggccataagg tgtgtgcctg tgctcccagc tacttgggag gctgagggtg gaggatggct 120  
 tgagccctgg aggttgaggc tgcagtgagc catgattgtg cactgcgct ccagcctggg 180  
 tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240  
 gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 912  
 gcaactcctc tccaatgagc tactcctgac acaaatggag aagtgtgccc tcatggaagc 60  
 cctggttctc attagcaacc aatttaagaa ctacgagcgt cagaagggtg tcctagagga 120  
 gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180  
 tggtgatgct ttcattgctg atgtgggtac agatcagaag agctgtgacc caggcctgga 240  
 ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 913  
 cagaatccct ttttcctttt tttgttaaaa gtactcatcc ctaatattac attgttcttg 60  
 aaggactgaa aataacagaa ctacgacca tgatcggacc gggacaatca gattatttca 120  
 ttctcagca aacggagatc gatccgaaaa gtggaaatat gagctcttct ttggtgttgg 180  
 catatggacc ctgagagaaa gaactttaat tttttctctt ggactgcaat aaagtatagc 240  
 tgccataaat acgtttcctg acacttggag gtttgtccac aatcgggaaa taaaggcaag 300

<210> 914  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

&lt;400&gt; 914

cctaaacaga atcccttttt cctttttttt ttaaaagtac tcatccctaa tattacattg	60
ttctggaagg actgaaaata acagaactca gcaccatgat cggaccggga caatcagatt	120
atttcattcc tcagcaaacg gagatcgatc cgaaaagtgg aaatatgagc tcttctttgg	180
tggtggcata tggaccctga gagaaagnac ttttaatttt tctcttggac tgcaataaag	240
tatagctgcc taaaatacgt ttcttgacac ttggagggtt gtccacaatc gggaaataaa	300

&lt;210&gt; 915

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 915

ggcaaatagc cctaggagtc ccattttttt aagctgaggg aaataatttt caagaagctt	60
gtcttactag tagcatcatt ctttttttact ggctcacagc ttggaagggg tgatgggttt	120
tcctatgaaa gctaacaaca tttaggcaga tccagtgtgc tggtagtca cagtgaaggt	180
gtggagtgtc aaggaagcct cctggtggaa atgtaagttc agagaagggtc tgcagaaaat	240
acaggggtgaa atgttatcaa ggagccaggg tattatttaa gaagaggagg gaggggaaaa	300

&lt;210&gt; 916

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 916

tcgaagagga gaagcatgtt ccaaaaccct taacttttggg aatttagaac tagctttttt	60
actatcttct gcacagcata acttcagtct ccttttacta attcaaggaa atctcagtga	120
acaaattgta taagggtaga tgagctaaaa gctcactgag tcattaattt gtcataactc	180
atctaaatac aatgattagg cttgtgtagg tgtccctagt ttctctttct aaatcatgtc	240
ttagtaggga cagagcaata atgggtggatc gtggcaacgg gaaggaagat gatgtgtcag	300

&lt;210&gt; 917

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 917

tggtgtgca ttctaagctt aacctcctgg tctcatggca gtgacttgag cttttgatct	60
atagaagaaa gccagaggtt ctgcttgctt ttgtctgcca gccctcgtcg ttctttctcc	120
tctgcctctc acctctaccc caaatacctc tgctcttagt ctcaagggga gaataacatc	180
agggagcccc tcatcttccc cagaaggact tctcgttccct catgtagtta actccattga	240
ttttcctatc ttggtgctga tagctctcta agggtagggc acacctcccc acagccaccc	300

&lt;210&gt; 918

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 918

caggaacgca acaaaactcaa gtcgcagctc ctggtggtgc aggaagagct gcagtgtctac	60
aagagtggcc tgattccacc aagagaaggc ccaggaggaa gaagagaaaa agatgtgtgtg	120
gttactagtg caaaaaatgc tggcaggaac aaggaggaga agacaatcat aaaaaagctg	180
ttcttttttc gatcggggaa acagacctag atccaaggcc acaagtaagg ctatggctct	240
gattctagaa gacaaccttc caagatgcct ggcaaaacca cctccctgtg ccacacagac	300

&lt;210&gt; 919

<211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 919  
 gtaagggagg gggtagggct gggttattaa gatacagget gctgtatttt acattgggtg 60  
 tgggggaagg ggagcctgga gaaaacaaag tcactattcc cttttttgaa acaggaaaaa 120  
 aaatattttt tgttca 136

<210> 920  
 <211> 135  
 <212> DNA  
 <213> Homo sapiens

<400> 920  
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60  
 tccatttcat ttcagctcct gatggcatct gaccgcctg gacacttccc agtgggtctg 120  
 cttttggagg gagag 135

<210> 921  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 921  
 aagcagaaat gtgggtggtg tgactggggg ttggtgaggg gctgctgtgg ctggaatgga 60  
 gggctgccac aataatggaa atggtaaatt aggcaagtaa ggttgactg gtggcatagc 120  
 gtcaagggtt ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttgagg 180  
 aaagtaatac atcatgtaat cgaacaaaag acagaggcaa gctccaggaa tgggcaactgt 240  
 aaacaggact tgtcccagag tagccagatg taggctttag gtaagttgat gcaagctgag 300

<210> 922  
 <211> 280  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(280)  
 <223> n = A,T,C or G

<400> 922  
 tctcgatctc ctgacctcgt gatccgcccg cctcggcctc ccgggggtgct gggattacag 60  
 gggtagacca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120  
 ttactgggtt gaaatcattc tagttttgtc atttagatac ttgtacgatg aatctatttt 180  
 agcacaaggg ataaataact cgnnangnca tctntannt gtntnttttn gtgnntttgn 240  
 ntanaccacn ttcangntcn angnnaactt tncttnggat 280

<210> 923  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 923  
 ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat 60  
 catcttctc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga 120

```

actttctatac ccacgaacaa catgtgaaga gagagaacca aacataaagt aaggagggtg      180
agttttatttg tatgttgctt gctgacaact gttttggggg cgcttcagtg atatacatte      240
atagaaagac tttgttttat ggcagattag tttacaaaga gtattctgca agtgggatta      300

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<210> 924
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 924
ctcaaaacca aatctcaact cagctacaga atctactgtg gtccttgtct gaaaaaatta      60
gttcaactcgg ttggaatctt gtctcagagc atcctcatct cttttctcaa agcccctacc      120
ccaacaccgg cgtgtttggtt gtctattgaa acttacaagt ggatggaccc tttctcccga      180
ataaaactggc ctttgaaaagc tctaatacgaa atgggtttggc aaaatccata ctgcaggaga      240
ttaggggagga caagaatgat gtgccttttt gtactgctga gcctgatggt ggtgccacta      300

```

```

<210> 925
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 925
ggaaacagct ggactagaga tacacatttg ggcatatata tatatatata tatacagtat      60
atatatgcac gctgatttta tatatatata tatatatata ataattatgg aagtcagtga      120
gattgtccag ggcaagaata taatgtcata tgagagggga gtccagactc tcaaggaacg      180
cggacattta aggggagagt ataataggat gggccgtcaa agtctaagtc agagcatcct      240
gatgttggag gcaaagcagg agagtgtgga ttaagcagct agacattggt tactggggca      300

```

```

<210> 926
<211> 295
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

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```

<400> 926
atttcagcct gggcaacata gtgagactcc cgtccctaaa aaaaaaaaaat cccacaatcc      60
tatcacacag agatggcaac acttaccatt tgtttctggtc acctttggaa ggaactttta      120
aatcaatgtc ttgcttctct gtgggttctt ttgtgactca cacctgcttc tgggtatagt      180
atgactataa agttgatttc ttgggtaagg tatgatctat gagaggaagc ttctaatttg      240
atgagcatca gggnannttt anctggtata cttttnttt gccctctcca atcaa          295

```

```

<210> 927
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 927
gtggtagcag gcaactagata agaggtgaac cagtgtggag gcaggagggg taggaaagga      60
gatggaggca ttattaccaaa ggcattgatag aagccatggg atctgataag tggtgagaac      120
tggaagagaga gggacaactc tgaaatttgc ctctgattgc agttaaatga tagcatgcta      180
atgacagagg tagcagtagg ttggggagag tgtagtagta tttctgtttt cagtacactg      240
ggttttaagc attgacaagc caccaaagtc aaatatcaag caaagagtgg cacatctagg      300

```

<210> 928  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 928  
 gcgattttatt tcacagagtt aagggggccag tacacttcat ggtataaaat tatctttttc 60  
 aggggatgaa ggcacaagga gaaaattact tgaagcttgg agatcttctc tggcaagcaa 120  
 ttacaaatt ctggtgttct ttgatctggc tccccgcca gacaaccagg gagttcttca 180  
 tgttctagcc tcatgtgttg cactataggc agtaatttgg catcagccat agaggaggga 240  
 tccgatagtt gtcattgctg cccgccacat atactccaca tggaaatgata ctcataatgc 300

<210> 929  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 929  
 gggacactgg attctcattc tactcaaact cccactagga ctggttggtt gttcgcttct 60  
 caagtgtttg tatttttctg agttaatatt tttgggtgta atttacatgt aggaaaatgt 120  
 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaaccac 180  
 aagccaatgg agacctagaa cattccctg accccagatg ctgggttctg tgtgccttcc 240  
 cagggttgt ggctgggcac atcaggcatg gcgggtacca tgccctgacag ctctgaacca 300

<210> 930  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 930  
 gaatgggtag gaacaagcat tagcctggtc tgggttctc cagctcttag gacaagttgg 60  
 aacagatttg ctgttctgat gattcatctt tctgacaca gggatagcag aactcagctt 120  
 tgaagaaaag catctgcaga gatcatggca gttccatttt gogttctgag tttgctcctt 180  
 taggtaagg aactagaatg cagatacagt tagaatcagt ctctctctct ctgtttgtct 240  
 gtctgtctgt cactctctct ctccttattg cactgagggc cgggcgcggt ggttcacacc 300

<210> 931  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 931  
 gtcattgagaa gagccccaga tgggacaccc gttcttctct gtgacattag ggaatttggt 60  
 acagctttct ggatcagttt ttgcctttaa gatgcattct gactcatcaa acccagaaag 120  
 tgtagagcaa atattctat tccatgtcc ttggcagaca ttgctaactc atctcagggc 180  
 tccaacagag ttgggtctca gccttaccag cctggcagcc actagacttg atccctgaga 240  
 tgaaacctct tgaccacaca ggaactccat gatcttgaag ctcccttctg gctctataac 300

<210> 932  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 932  
 ccaacatggt ggtctcaaac tccccacctc aggtaatcca cctgcctcag cctccaaaag 60  
 ttctgggatt gcaggagtaa gccaccacac ccgtcctcag tgccctggact tctgcagtgg 120

```

acttcccttta aaaatccctgg aatatacact gcagtaaaaag aacaaagcat acttcagtcg      180
ttaagggctg aggtatgctt tgttctttta ctgcagtgtg tattccagcc ttaaaccgact      240
gaagaagaat gtcaagtggg gaagtggctt tggttttcag tttgtgggtt ctgaatccac      300

```

```

<210> 933
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

```

```

<400> 933
ctgaagcagt gcaagtacta ccatgggtctg agctccctgc cctgaagagg tcggtgcaga      60
ctcgggggcc agtccctgcac ccacctctac ccctcgccga cagccagacc acaacaccag      120
attgtacca gaatagctggg attggaagtg aggaggtttc tcacccacaca gataacccaa      180
gacacaaatg tgcaattaaa agttttatatt agaccacaaa aaaaaaaaaa aaaaaanntg      240
ngccttnaa anttntgggg ggnc      264

```

```

<210> 934
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 934
gatgtccctgc tatacaccat ccaactgcctt gccctttaag cctcacatct ttcattcttc      60
ctagttccaa cccatgggtct ccagacgatg actctgcctc cctgttcttg tagcattcac      120
agattgcctt gtttagtagc ctttcacatg agatccactt gacagccctt gtcctcaccc      180
ctcctcaaac tcttcaccac actgaaactc ttccagctcc atgagtaggt tcttgggtgg      240
tttcttcacc tgcaggttca ggtcaatgct cagccgggga ctcgacaggg atgctttgca      300

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```

<210> 935
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 935
accaaagctg ctggagcctg aggcagagaa ccagaggccg gaggcagact gcctctttac      60
agccaggaat ctcagaggat ttgaaaaagg tgaaggacag gatgggcatt gacagtagtg      120
ataaagtgga cttcttcac ctcctggaca acgtggctgc cgagcaggca cacaacctcc      180
caagctgccc catgctgaag agatttgac ggatgatcga acagagagct gtggacacat      240
ccttgtagat actgcccag gaagacaggg aaagtcttca gatggcaagt aggcccatc      300

```

```

<210> 936
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 936
gagccatggc agaaaatcag tgatgtcatt gaggactctg tagttgaaga ttataattca      60
gtggataaaa ctaccacagt ttctgtgagc cagcagccag tctcggtccc agtgcccatc      120
gctgcccatg cttctgttgc tgggcacctc tctacatcca ccaccgttag tagcagcggg      180
gcacagaaca ggcacagtac aaagaagact cttgtcacac taattgccaa caacaatgct      240
ggcaatcctt tgggtccagca aggtggacag ccactcatcc tgaccacagaa tccagcccca      300

```

<210> 937  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 937  
 tcttcttagga atgaggggca tcagcccacc ccaggcacct cagtgggggt cggggccacc 60  
 tcaggactcc aagaggctgt gtggagccac cactcctagc cacagctgcc atgataagtc 120  
 cttccatgaa ggactgagga gggagagtgg ggggtccaggg ctgggtgctgc tcttccctca 180  
 gctctgccgg ggctctaagg tccctctatt tatttctcaa ccctggctgg cctctcacca 240  
 ggagtttagg ctgaatgcct tccacgtgat ggaggaaaag gccaaactctg tcctgggtctt 300

<210> 938  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 938  
 caaagtactg ggattacagg catgagtcac tgagcccagc ctaataaaga actttctgac 60  
 agtgaaaatg gtctgtgcat ggtgtgggtg ggggtgagggg gaggcggggc gtggatggag 120  
 cagcagggag gttgtagaca atgtccagac atcagagaga gggctgggct ctgatectgt 180  
 gccaccctga aaggctttga tcctatggtt tggtcagaaa cagagcctgt aaaacccatg 240  
 tatgcagctg ttgctaaggg caaccacaag atgctcaaag gaccttaaag atgtagatgc 300

<210> 939  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 939  
 wcgtgtgtgt gcacaaagcc cctaagggtt catgtgtaca caccgggtgt aagtgttttt 60  
 tacacccttg agcatctctc ggctgggggc tcctgtgcag gttgccctga gagttgggtt 120  
 tttagtccaa aaagaaggaa cacagatgac tactctgctg gcgacacggc cactctgctg 180  
 gcacgcacat agcatggcgc ctcccttttt gggggactct ccttgggtggc atctctggca 240  
 ggctgagctc tctccagctg cagttctgga ccctgtctgg gttggggagg ggcatttggg 300

<210> 940  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 940  
 gctacaccca gttctcccag ttcaacaagg acgactcgct actgctggcc tcgggggtgt 60  
 tcctgggggc cgcacaactc ctcatccggc gagattgctg tcatcagcct agactccttc 120  
 gcgctgctgt cccgcgtgcg gaacaagccc tatgacgtgt ttggctgttg gctcaccgag 180  
 accagcctca tctcggggaa cctgcaccgc atcggagata tcacctctg ctcggtgctg 240  
 tggctcaaca atgccttcca ggatgtggag tcagagaacg tcaacgtggg gaagcggctg 300

<210> 941  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 941  
 ggcttccagg aaaccaggca agggatatgcc cagggttttg cctcctgggt ttgtttcacc 60  
 tgtcccactc tactgtgaga tagagcttcc agagttgttc acagggttga gatttttcgc 120

tctgaatttg	agaggcaacc	gtatctggcc	ttctaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttctctctc	ttttgttggtg	240
gcagctcagt	gttgacaggg	ctccacacgt	cttctttgag	tagtgggagt	atgtgccccaa	300

<210> 942  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 942						
cctcgggggg	aggccagccc	ctggctcact	ggctcagggc	aggtgggctc	tcgggggaagg	60
tgctcggggc	cccctaggag	ggagcgctgg	ggacattgcc	atgggacgga	agtctgcttg	120
gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccagggatg	tacagagccg	tgcccacaca	240
tttcttgca	acttgatcaa	atttcttaaa	gcaaacaaca	aaaatgtaca	tttctgtttt	300

<210> 943  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 943						
ggaagctcca	ggcctggcgt	gctggagtca	cgagatgagc	tgtccaggca	gcatggcatc	60
gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
ggccgattct	gtggtttagt	attctgattt	ctcatctgaa	aagtgggtgca	tcacttagcc	180
cctccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
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 <212> DNA  
 <213> Homo sapiens

<400> 944						
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tggaggagac	gttccagtgt	atctgctgtc	aggagctggg	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	ctttcgggca	cagggtgttca	240
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 <212> DNA  
 <213> Homo sapiens

<400> 945						
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cagggaggag	agcctaggag	agcgttaggg	ctcatgggca	ggccgttggt	gtacgccttg	180
gcccctgctg	tccccagtcc	caccactgtg	gactccaggc	catcctcagt	ccagggtggc	240
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<210> 946  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens



&lt;400&gt; 946

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cagtgtgtcc	aatcagtg	ctgggtcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
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&lt;210&gt; 947

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 947

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&lt;210&gt; 948

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 948

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&lt;210&gt; 949

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 949

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tttattggat	tatttggtta	ttttctctc	tctagactgc	aagctccttg	agcagaccat	120
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&lt;210&gt; 950

&lt;211&gt; 293

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 950

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gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
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&lt;210&gt; 951

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 <212> DNA  
 <213> Homo sapiens

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 cccgggaaca ttttgtatct accgatattg atggccaagt gtatcatctc actggtgaag 180  
 gaaactcagt aaaagacagt gtcgggattc caccagatgg aagtatgggt agtattacct 240  
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 <212> DNA  
 <213> Homo sapiens

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 ccttctccac cccaatttcc aacatccctt cctttgtaga gagagcctc tggaagccac 180  
 tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240  
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 <212> DNA  
 <213> Homo sapiens

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 agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180  
 tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcgggtggc tcacacctgt 240  
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 <213> Homo sapiens

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 agtccctcc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180  
 acggggccag agggaaactt ctacaaaact tcgtagagcc tcctcagggg aagctaggaa 240  
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 <213> Homo sapiens

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 gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgt 180

tcattcggtg ctttgtttca ttaaataata gggaaatatc cattttaaac aggtatatca 240  
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<210> 956

<211> 300

<212> DNA

<213> Homo sapiens

<400> 956

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cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180  
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttgttc 240  
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<210> 957

<211> 300

<212> DNA

<213> Homo sapiens

<400> 957

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taccctctga agttttgcat gtgttacacc atattactat agtaatagat aattgatata 240  
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<210> 958

<211> 300

<212> DNA

<213> Homo sapiens

<400> 958

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gtgccagact ggcaacttgg ggattgtgtg agtgaggag agattgtgca gagctaatec 180  
taacattgct gatgagtgga cagaaacat aggcctcatg aatagtgatt tctgaagtca 240  
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<210> 959

<211> 273

<212> DNA

<213> Homo sapiens

<220>

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ataaaccctc tcttaagtgc atgagatggt ttgatggtt gctgcattaa aggtatttgg 180  
gcaaacaaaa ttggagggca agtgactgca gttttgagaa tcagttttga ccttgatgat 240  
tttttgtttc cactgggaat aaagntggat tcg 273

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 <212> DNA  
 <213> Homo sapiens

<400> 961  
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 aaccagggtc ctgaggacca ccacgtggct gcaacacagc aggagttcac agtccagagg 180  
 agaagcccgga tgctgaacag agaatcacat ccgtgagcaa cacaaaaggt ctcaatcaaa 240  
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<210> 962  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 962  
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 cctctgcccc agaagtcttc ttagtgtctg tagacaggtc ccatttccac caggtcaacc 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 963  
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 gagagggtgt gtttttagtcc cttttgcctg ctgtgacaaa atgacacaga ctgggttagct 180  
 tataaacaac agaaatttat ttcccacact tctggagggt ggaaagtcca agatcagggt 240  
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<210> 964  
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 <213> Homo sapiens

<400> 964  
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tttgaataaa aaaggaacct gtcaagtacc cagagaatat cagaactgct gtccgatctc	240
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<210> 965  
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 <213> Homo sapiens

<400> 965	
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tcagtatctc aagttctgtg tagattcacc taaacactgc tggtatccat gctatacttt	180
accatgttat cccaaaagg aatcatcagc aaattttacc agaaactgct gaattcaaga	240
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 <213> Homo sapiens

<400> 966	
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gcagagagac agcacagagg ctgttggaat aaattcactg ggctcatctc acatgtatgt	180
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<210> 967  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 967	
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 <213> Homo sapiens

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agcagaaagt catcatcttg gaagaaggta gccttcttta cacagaaagc gatcctttgg	180
aaactcagaa ccagtcaccc gaagactcag agacagagct gttatcaaat ctaggagagt	240
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 969

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&lt;210&gt; 970

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 970

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&lt;210&gt; 971

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 971

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&lt;210&gt; 972

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 972

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&lt;210&gt; 973

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 973

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&lt;210&gt; 974

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 <212> DNA  
 <213> Homo sapiens

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 cacctctgcc tctgctctgt gttgtattat ttggggacct gtggtctggc atgcattgta 240  
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 <212> DNA  
 <213> Homo sapiens

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 <223> n = A,T,C or G

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 gtttccccag cagatatcac aaatatgact ttgtttcttc tcagattggg tgtacttaaa 180  
 aatacattgt ccagagtcca ctgtaaggca tgaccaataa aagcatctcc atttagttgt 240  
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 atgtgttcta gttgatcatt acaaacctgg caggccttct caagggttca gtaattagct 180  
 gtcatttccc atttgtccag agagtgtcca acacaaaata ccctaagat cttggccaat 240  
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<210> 978  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 978

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taaattttat	tccctttaag	ggcaaaacca	acctccaagc	acatttatgg	cccatgtttt	180
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&lt;210&gt; 979

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 979

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gttcagtatt	tcaatacttt	gtattttact	tgaaattacc	cttagtagca	tctttttttt	180
cctgtctgaa	agcttttgtg	tgatgagaa	gggacatttc	atttcctccc	ttaacaaagt	240
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&lt;210&gt; 980

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 980

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cttttaagtt	actggattat	tctgcttgag	cttgtgagaa	cctcaatgta	ctccagtcct	180
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&lt;210&gt; 981

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 981

gcctcatcca	tggatcaggg	aggcacgcca	gggagtaacc	cagttctgcc	cagcaatcta	60
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&lt;210&gt; 982

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 982

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&lt;210&gt; 983



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 <212> DNA  
 <213> Homo sapiens

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 ctggaactag aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180  
 agccaggagc tcagactctc cctcatctca cgggcatttt gtaatactga catttccaga 240  
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<210> 984  
 <211> 136  
 <212> DNA  
 <213> Homo sapiens

<400> 984  
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 ggggaggtgt gggagg 136

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 <212> DNA  
 <213> Homo sapiens

<400> 985  
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 gaaaaagaat attttggaat tgtcagtgtg aggatttttag ttcattgagtg gcctatgaca 180  
 tctggttcca gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240  
 caagttcagc aaaaggatgt cactgaaatt gatatttttag ttaagaaccg gggagtactc 300

<210> 986  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 986  
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 ggtgactggc agatgaattg acttagccgt ggtcctgcag gtgatgagtg gcagcactgt 180  
 gctcttatca ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240  
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 <212> DNA  
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 caagtgggtg aatcacctga ggtcaggagt tcaggaccag cctgaccaac atggggatac 240  
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<210> 988  
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 <212> DNA  
 <213> Homo sapiens

<400> 988  
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 ccagggttcag tgctttctcc tctctctctc ccaccacttc ctcttcagtt ttcctctctc 180  
 cagccaccgt gttttctctc cgtacaacca ggatctaata atatttgtga ctccagataat 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 989  
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 taggattatg ggcattgagc accacaccta gccaggcttt ttatattgag ttgggttatat 180  
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<210> 990  
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 <212> DNA  
 <213> Homo sapiens

<400> 990  
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 caaaactctc ttcttttagg gctactgaga cttgattcct gatcatcaga aatttcacca 180  
 gaaacaactt gtttccaata tacccaattc tatatgaaga attcatggag agtgtactgg 240  
 cactg 245

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 <212> DNA  
 <213> Homo sapiens

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 <223> n = A,T,C or G

<400> 991  
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 gatgtatgtt ggagcccatg gtgtatgggg gtgggggtggg gggaagggtg gaggggtacct 180  
 accccctgag gcttctccag aggggtgtngg gaccanattg gacctgggtg aggaagggcc 240  
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<210> 992  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 992

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gcattctgaga	attaggtttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
gaatgtatac	aaatgatgtc	tgttgatatt	taaaatatgt	ttctttctgt	ttaattgtaa	300

&lt;210&gt; 993

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 993

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caggggtgtg	ggcccatata	cttcaaagac	cagagccctg	caactgggaga	gtgtctcctgg	180
cccaggctgg	gaatcacctt	tcgaggccct	tcagactctg	gcggggcttg	ctgtggcctc	240
cctccagcta	gtggtgtggc	tgagcagact	ccaggggccag	ggccagttcc	cttctccctt	300

&lt;210&gt; 994

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 994

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gacctcagg	acttcacggg	tatggttgcc	agctgtgttc	ctggcccctg	gacacacagt	240
gtggcatcct	catgtttgca	cactttcccc	aggctccagt	ggccctgatg	tcaatgttta	300

&lt;210&gt; 995

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 995

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gacagtccac	tgggtggacca	tgaccttggt	caaaagaggg	accaggtctg	gcttgctcac	300

&lt;210&gt; 996

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 996

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<210> 997  
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 <212> DNA  
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<400> 997  
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<210> 998  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 cagggcctga gactggacct gggtagcgt gnngtgtgga ggntggcgag gtgcggagac 240  
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<210> 999  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 999  
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 gttttaggag aaacatttaa tataaattca aacctgttgc caatgagaaa aatacctgat 180  
 aaatatgact tatgtataat gaacgtgaat tatatttcag aattaattgt tagtaataga 240  
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<210> 1000  
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 <212> DNA  
 <213> Homo sapiens

<400> 1000  
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 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180  
 ttacctgatt aacattcctg acaccatctg tgggtcatcc ttccctgga ccgttcagt 240  
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<210> 1001  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1001

caaaagcagc agcctcattt ctgtcctcct ttgaatttca tattaaattg cttacataga	60
atgaaggctg agttcactgg caggctaaca aagctccttg taatttgccc ttatatgccc	120
tatgccttct gctgtagtaa tactttgatg cttgtaattt tcttgaactt acgtcatttt	180
gtgtctctgc ttttgtcagt tctcctgact cttagttttg cctgactctg tcttcataga	240
cttgtgtgta ggcattatta tctcctgtga agtcttctct gacagttact tactcctccc	300

&lt;210&gt; 1002

&lt;211&gt; 206

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1002

gtagtaaaaa agataagctt gtgaaatcta tcagctctca ggctaagcat tacaccaaga	60
gaatcttgca cgatccttca atcataagaa atcacatgtt agtgcagaag gtccagcgtg	120
aaatcctcta agtggccaaa tctaggagtt cttctctggc ttggttggct aaagcagtga	180
tctgtgtcac cccagggcc atcact	206

&lt;210&gt; 1003

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1003

gttacctctc aatttttaact ttttttttct tttttaatta atgtttttta cccatggcaa	60
gctgtaatag ctttttttgag gggaggtagg tgcttgataa agaacagtag gtgctgctta	120
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ttctctttaa agtgctggga ttgttagtgc cattttttatt gtaaatatca aaattgttat	240
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&lt;210&gt; 1004

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1004

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acagttttga gaatctttga ttccaggat gttgagagct gctcctgtca tctggagttg	120
agtctcacc atgggctaca gtgtacacag gagtgggacc ttctgttctt gaacttaggc	180
tgtggtgtga tcaccctttt ctctgcatcc acctgacagg ctgggacttg ggctatgctc	240
tggacaaggc tggctggtgc aatgatgccc tctagaggat ggatcaggcc cagtcaccac	300

&lt;210&gt; 1005

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1005

gtgaaaacac ctagacccaa gtcattctat tctgacatat tgtctttctt ggatatgact	60
ttgaaagtaa gaattgggga attactggtt atacagattc tacatttttc ttcactaata	120
gtgattccaa gaaagttag atctttccac atggaaaccg tcatgtaaga acagaaaaac	180
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 <212> DNA  
 <213> Homo sapiens

<400> 1006  
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 acctgggagg cccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240  
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<210> 1007  
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 <212> DNA  
 <213> Homo sapiens

<400> 1007  
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 ggagctccaa gagaaggcca ttgtccttgt agcagcaggt gcccccccaa gctgggttct 180  
 cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtgg tgagccagga 240  
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<210> 1008  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1008  
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<210> 1009  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1009  
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 aaagaagctg gcagagtcct ggggtgcgac atttatggag tcatctgctc gagagaatca 180  
 gctgactcaa ggcattctca ccaaagtcac ccaggagatt gccctgtgtg agaattccta 240  
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<210> 1010  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1010  
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caccaacagt	aacagtagcc	ttataacaag	tcaggatgct	gtggaaaggg	ctcagcagat	180
gaagaaagac	ctgcttgata	agctagaaaa	attagctgaa	gaccttcccc	ctaataccct	240
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<210> 1011  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(300)  
 <223> n = A,T,C or G

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<210> 1012  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1012						
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<210> 1013  
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 <212> DNA  
 <213> Homo sapiens

<400> 1013						
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aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
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<210> 1014  
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 <212> DNA  
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<400> 1014						
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 gagatgagaa gtttgctgaa aacagaacat tttttgtgt gtggattgat ttgcctcgta 240  
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 gacagaaagc caaatatcga aatctctggc cttgatttag tgacagttaa ttctaattgg 240  
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&lt;210&gt; 1020

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1020

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&lt;210&gt; 1021

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1021

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&lt;210&gt; 1022

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1022

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1023

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&lt;210&gt; 1024

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1024

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&lt;210&gt; 1025

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1025

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&lt;210&gt; 1026

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1026

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&lt;210&gt; 1027

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1027

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&lt;210&gt; 1028

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1028

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<400> 1029

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ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtgga 240  
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<212> DNA  
<213> Homo sapiens

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<210> 1037  
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<212> DNA  
<213> Homo sapiens

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<213> Homo sapiens

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&lt;210&gt; 1039

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1039

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&lt;211&gt; 134

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1040

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&lt;210&gt; 1041

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1041

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&lt;210&gt; 1042

&lt;211&gt; 300

&lt;212&gt; DNA

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&lt;400&gt; 1042

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&lt;210&gt; 1043

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1043

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1044

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&lt;210&gt; 1045

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1045

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&lt;210&gt; 1046

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1046

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&lt;210&gt; 1047

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 aagggctgat ggagctcccc gcagcatggt tcctgcctgg gtgacagagg ctctgtggc 180  
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 nnagatgttg gtttggcgnt atntcttttn tt 272

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 <212> DNA  
 <213> Homo sapiens

<400> 1050  
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 ttgctctgag tctagaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt 180  
 gaaacaaaag tgtgtgaaga gttgtaactg tgtgactgag cttgatggcc aagttgaaaa 240  
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 <212> DNA  
 <213> Homo sapiens

<400> 1051  
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 accgcgtctc cgattttctg ccgcgtccgc ctctaggacg cggagtccgt gtgcggttcc 180  
 gtgaggctgg agggtagatc ttaaggatca acaaacagta ataatgactg aatgtacaag 240  
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<210> 1052  
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 <212> DNA  
 <213> Homo sapiens

<400> 1052  
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 tatagttttt ctttgggttct gctcatggaa acacaatgac tatcaatcta agtaagacta 180  
 taatatatta gaaggatggg tgatgagaag tgtgaagtgt tgcaaaggta aatccttata 240  
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<210> 1053  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1053  
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 tgaagtagtt ctttttggat ttcagttggc ctttttagtag agcctttctc cttaaaggatt 180  
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaata ctgggtttta 240  
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 <211> 271  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(271)  
 <223> n = A,T,C or G

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 gaggtgagg ctgcattatc gctttaacct ggggggcgga ggttgacagt agcctngatg 180  
 ggggcaataa naggnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240  
 cnaagccctt tntcttcng nnnctctcgt g 271

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 <212> DNA  
 <213> Homo sapiens

<400> 1055  
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 tgactcaatg tcatgtggtg ccctggatgg gatccaggga cgggaaaaagg acacttggga 180  
 aaaactggtg aagttcacgc aaagtgtccg ggtagttca gcatcagaag accaatgatg 240  
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<210> 1056  
 <211> 300  
 <212> DNA



&lt;213&gt; Homo sapiens

&lt;400&gt; 1056

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cgtttagtga	gaacctatta	aagaaggaaa	gtgggtaatg	gagtcaccagc	cactcaagag	240
actggatata	ccccgagaat	ggcttgggtt	accagctatg	gaccttgga	agatgaatct	300

&lt;210&gt; 1057

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1057

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caggatggtc	tcgatctcct	gaccttgaat	cacaagagtc	ttaacaggga	atgtttcagg	180
aaacaaatag	gataagacaa	tgccagagga	aggatagaaa	catgggaagt	ttctatcatt	240
tcattttctg	cgtttccagc	atgcccttgg	aaaagactcc	ctttagtecc	tttttcaatt	300

&lt;210&gt; 1058

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1058

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gtgagttaga	gttgtcacat	gttctcctgg	ttcttgaatt	tgagcaggt	cctgaaaagg	180
aaggctctgc	tgccccctg	ccttcctgac	cttctctctc	cttccctccc	ctctcttttc	240
ttgccaaagt	tgctttgggt	tctgagcagc	ccagagagga	ggagggttcg	tccccaggga	300

&lt;210&gt; 1059

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1059

ctgaaattga	agatgttggg	tctgatgagg	aagaagaaaa	gaaggatggg	gacaagaaaa	60
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aaggatttct	gcaagtactg	tagatgttat	agaaatgatg	gaggatgata	aagttgatct	180
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&lt;210&gt; 1060

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1060

cccgaagca	tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	60
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ttctctaatt	gccaacatga	ttctaggaat	tatcattttg	aagaaaagat	acagtatatt	180
caaatatacc	tccattgccc	tggtgtctgt	ggggatattt	atttgcactt	ttatgtcagc	240
aaagcaggtg	acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	300

<210> 1061  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1061  
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 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180  
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240  
 tctccattg ccaaaaagaa atacctggcc aggcgcagt gctcacacct gcaatctcag 300

<210> 1062  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1062  
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 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa aggaatgaat ccagcatgct 180  
 ctgttttagt atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggt 240  
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<210> 1063  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1063  
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 tgtagccag gatggtctcg atctcctgac cttgaatcac aagagtctta acaggaatg 180  
 tttcaggaaa caaataggat aagacaatgc cagaggaagg atagaaacat gggaagtctt 240  
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<210> 1064  
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 <212> DNA  
 <213> Homo sapiens

<400> 1064  
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 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180  
 ataagaaact ttgtttttcc cttgttggga actctttagg cctcggtttc tggtgacagc 240  
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<210> 1065  
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 <212> DNA  
 <213> Homo sapiens

<400> 1065  
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accagcgccc	ccacatggcc	ggtctgagag	caagtggaga	gtcacagtca	cagtcacagt	180
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&lt;210&gt; 1066

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1066

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ggggcagtgt	gattttattat	gtcaagagaa	tcagttttat	gtcgagggaa	gaattttggt	300

&lt;210&gt; 1067

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1067

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&lt;210&gt; 1068

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1068

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agtaataggt	tcaaaaattaa	acctcagttt	gagggcagag	ctggacagaa	ggttagtga	120
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&lt;210&gt; 1069

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1069

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&lt;210&gt; 1070

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1070

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&lt;210&gt; 1071

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1071

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gaatgttagg	tctgtttttg	ttgtcttctg	cctatgtctc	ttgacttgca	gtttcttttg	120
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caatagaaga	acataatg					198

&lt;210&gt; 1072

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1072

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&lt;210&gt; 1073

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1073

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&lt;210&gt; 1074

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1074

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&lt;210&gt; 1075

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1075

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&lt;210&gt; 1076

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1076

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&lt;210&gt; 1077

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1077

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&lt;210&gt; 1078

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1078

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&lt;210&gt; 1079

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1079

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1080

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<210> 1081

<211> 241

<212> DNA

<213> Homo sapiens

<400> 1081

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<211> 300

<212> DNA

<213> Homo sapiens

<400> 1082

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<210> 1083

<211> 240

<212> DNA

<213> Homo sapiens

<400> 1083

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catggacgtg	cggtcccggg	tggattctaa	gacctgacc	cgtaacacga	ggatcattgc	180
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<210> 1084

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1084

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caggetgcca aatcctgtgt atgcctgtac ccaaattggaa ggagtgcctt tcctcaattc	120
ataaaaaaga caaagacagt ggtaggatca gctattatgt cagtacatga aaggaacccc	180
ctatctcaat caaaatggta aaggaagctt gtctcaaata acagcagaga aactcagttt	240
accagactat aaaagttctt tggtaagaa gataaagagc tctccagaat aagaatacct	300

&lt;210&gt; 1085

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1085

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ttcgcgagcg gctgctgagc gtgcagcagg atttcacctc cgggctgaag actttaagtg	120
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actctgctgg attagaatta cttagcaggt atgaggatac atgggctgca cttcacagaa	240
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&lt;210&gt; 1086

&lt;211&gt; 208

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1086

aagagagaca gggagaatcc gaggtaaaac tgtaggaaa acttaggagt ccagatgctg	60
tccagttata tgctaccctg tacaggttga taggttgcaa atgctttctg tccagtgtat	120
cgctttgtag ctcactaagc agttttgtat ccaactttgt gcttttattt cagtgtttt	180
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&lt;210&gt; 1087

&lt;211&gt; 205

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1087

tagggtctta gtactggttt gggcataatt atactcagtg tttgggcctc tgctaaaatt	60
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attgatattt aagtggacaa agtgggaagt agtcagtttt cagggctaca ggggtcatca	180
ctttgtgctc agagtacagc tggca	205

&lt;210&gt; 1088

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1088

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ccagggcacc caaacctccc ttccctttcg tgctgaaggg agtgaggagt gaattaagga	180
agagagcaag tgagtgtgtg tccctggagg ggttgggcgc cctctggtgt taccacctcg	240
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&lt;210&gt; 1089

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1089

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agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
cagttgcctt	attcctagtt	caggettact	atctagaacc	tcattgctagc	ttaggttgca	240
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&lt;210&gt; 1090

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1090

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aactaggtcc	aacaagtaaa	aagaggacta	gtctcaaact	attaaatata	tgatttacct	180
agcaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtcgcaat	cactgacagc	aggaatactc	acttttgaaa	300

&lt;210&gt; 1091

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1091

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caccagctgc	ttttagtcca	cagcctctga	catgctgatt	gaagacacgt	tttatggagc	180
agacattatc	caaggggaga	gaaagagaca	aagagtgcct	agctccaggt	ttaagaatga	240
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&lt;210&gt; 1092

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1092

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aggggaagaaa	cctactgacc	tgtttcaggg	tgggatgctt	cataaagagg	ataacagtta	240
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&lt;210&gt; 1093

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1093

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cacatttagt	aaatggagat	ctgggatgca	aatccgctat	gcctgaccgt	aaagcctagt	240
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&lt;210&gt; 1094



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 <212> DNA  
 <213> Homo sapiens

<400> 1094  
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 cacactgagt cctcttagcg ctctcctgtg atggggaagc cgggagagaa tgggcctga 180  
 aaatcagaac tagaacatag aatcctctct atcttcttca acagaaccgc caaagctatc 240  
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<210> 1095  
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 <212> DNA  
 <213> Homo sapiens

<400> 1095  
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<210> 1096  
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 <212> DNA  
 <213> Homo sapiens

<400> 1096  
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 <212> DNA  
 <213> Homo sapiens

<400> 1097  
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 agagacaaac agcattgcag cagcagatac agaaacatga agagactttg aaggatttct 240  
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<210> 1098  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1098  
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 gttgtaaggg atcatacaga agatattgat gatagttgaa atattcttag aaggggtgtg 180

tatgtctagc	tgtgtctacc	atgtgtatgt	attcttgaca	agcagtataa	aatacctgtg	240
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 <212> DNA  
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<400> 1099						
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ccagtctcat	ttctcttaa	atctattcac	caaaacacca	ccagtttccc	ctaccacaaa	180
cacacacata	agtacacact	cacctatfff	cacctctct	tccacttcca	cctttgtgtt	240
gaacctgatt	aaactctgat	acttttaact	ccaaaatatg	ctatgctctt	attaacaact	300

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 <212> DNA  
 <213> Homo sapiens

<400> 1100						
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gcttggtcat	tcttctgat	aagaaattga	tctctgaat	ggattggcca	tttggttaatt	180
tcttagtgaa	aggctgactc	ttgaatatgg	ctgttataat	ataaattctt	accaacataa	240
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 <212> DNA  
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<400> 1101						
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taatcttcgc	tcttggtcat	ctgttggtat	tcattatata	attcagacgt	ggctctcaggt	180
ctggagacat	gtgaagttat	tgctcctaca	ctgagtgttt	ccatgtcatt	atgccttaat	240
ccttattttag	acacagctat	gataccctct	ttacaacata	aaggataagc	agaaggatgt	300

<210> 1102  
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 <212> DNA  
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<400> 1102						
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<210> 1103  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1103

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tgtctagcca	acattttgga	aaagtgtggg	aaatccctca	gggccaaaac	cagagggagt	180
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&lt;210&gt; 1104

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1104

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tgcctggtag	accccagagg	tatgcatgtg	cctaggagac	ggtaggttac	tctgagttat	120
gaggagctgg	ggtgatgatt	ttaagtattc	ttgttctggg	aatggagggt	atattctcca	180
ttttgtgaaa	ttcttggact	ataggttaca	ttccatttta	agctatcacc	cctcagcatc	240
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&lt;210&gt; 1105

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1105

tgggttgact	cgctacatca	gctcagactt	ggctgtgggt	aaccccttgt	gaattgttgt	60
ttccacatgt	gtgttgcttc	atTTTTggct	ctccgttgct	cccatcacct	tcccgctcca	120
ccatagggtt	tagggatatt	tgtgtgtgtg	tcaaatagaa	catgaaagaa	gcctttttaa	180
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&lt;210&gt; 1106

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1106

ggctgataga	gtgctagcca	ccacctctg	tccctcccac	agcccagggt	tcaaagtctt	60
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&lt;210&gt; 1107

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1107

gagccggcgt	ggacccaggg	ctgagctgtg	accacgaggg	ccatcccgac	gagccgccat	60
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&lt;210&gt; 1108

<211> 299  
 <212> DNA  
 <213> Homo sapiens

<220>  
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 <222> (1)...(299)  
 <223> n = A,T,C or G

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 actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt 180  
 gaccttgggc aagntnccaa ancttnttga gccttagntt nencatctgg aaaaaatggg 240  
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<210> 1109  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
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<210> 1110  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1110  
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<210> 1111  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1111  
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<210> 1112  
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 <212> DNA  
 <213> Homo sapiens

<400> 1112  
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<210> 1113  
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 <212> DNA  
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<210> 1114  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1114  
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 ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240  
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<210> 1115  
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 <212> DNA  
 <213> Homo sapiens

<400> 1115  
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 <212> DNA  
 <213> Homo sapiens

<400> 1116  
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 ggtttggcgg cagcttaggc cagagcataa agtaaaaagg aaaagtgttc acagacaatg 180  
 aaaactggga ccaagtgggt aatactcaag gcacacagac caggcaagga tccagtggtc 240

cgtggatgag tctcaggtg gctctgggccc agtggaacac acctcagtgt gggatgaaggc 300

<210> 1117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1117

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gcctgggggt aggggtgagc ccttttgagc agcaggtggt gtctggggcc tgggacctgt	240
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<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

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tttctgatat tatgttgaca gtgacttaca ccacttcaac ctccaggcagg attctatcag	240
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<210> 1119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1119

gatagctatc tgactttctca actatgtaat aagcagatgt tgtaaactct atgctgtagt	60
tcataaatct atatgacatg tgggggtcggg aacatagtag cctaccataa gtcagggttat	120
tctactatt ctgcaacatg taaataacac ttggaacaga gcaagtggta aagattgctt	180
aatttttgca tgactatttt gataaatatg ttgagaagga ccagctcaaa ggaaaacctc	240
ttggtaactt ggcataagtt aaatgtttcc caagaaagtg cactcttccc aaataaagct	300

<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

tggaaaaatat aaaaagtgc actttaggca aatgtgatgg cctccgagct gaaatgaagg	60
aactggcaat ctttccaaag tggcagccaa ggccccactc cctgtcctac tcaatctctg	120
cagggaaaaa ctgtgggata ggatagcagc cagctgggga cacacagagg aacattcaac	180
aggaaggtcc cgctaggga aaaggccaca gagccaggc ctcttgccga ttcagggatc	240
cttgatata agtggattag aggagaggga ggaaagctat catttcagtg gtctccaaat	300

<210> 1121

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1121

```

gcaagactga gggaggaggg aggtttgagc agctgtaatg ggtgagggaa gagagtgggt      60
gggagaaaagg agatttgaga agcatcgcta tgatccatga atctttgtag tcaagtttaa      120
gaaattcaag taaacagagt tattgtgaaa ttattatatt ttggttgcta ttctctctct      180
cctctccac tctgtctctt ttttttctt tgagatggga tcttgctctg tcgcctaggg      240
tggagtgacg cagtggtgag atcatagctc actgcagcca atttttttt      290

```

```

<210> 1122
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1122
agggagggag ggggcaggac agtgtggaat ctctaggggtg tatgggtagg tagggggcac      60
agttagttct aagtgggctt ttatgctaaa agcctctggg gatattctgt ttgaaaataa      120
agataggtgt cccctccttg ctgtcatcta gccagacac tctgcttgct ctctggctgt      180
ctgctccctg ggaaggcttt aggaggacca cccaggacag gatgaccatg ctgccatctg      240
ctctggagct ggtctcagc gcagagggac agtgactgtg gatggttgca gtctctggtg      300

```

```

<210> 1123
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1123
cctccacca cccccagtc gtctgggatg gacaaccatt tggaggagct gagcctgccg      60
gtgcctacat cagacaggac cacatctagg acctcctcct cctcctcctc cgactcctcc      120
accaacctgc atagcccaaa tccaagtgat gatggagcag atacgccctt ggcacagtcg      180
gatgaagagg aggaaagggg tgatggagng gcagagcctg gagcctgcag ctagcagtgg      240
gccccctgcct acagactgac cacgctggct attctccaca tgagaccaca ggccccagcca      300

```

```

<210> 1124
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1124
gggtgacttc ctgtgacctc caaaggaagt ctcagctctg ctagaatggg accaaagccc      60
agctccacct tgaacttggt tcatagcctt gcttcttggt cctctcctt agccgggcag      120
atgccttgct ctttgataaa ggcttctgt cacctcctga gggctcttggt gctttttgca      180
gggtggatgcc attaccttta ccgctgtgcc tcccgcaatt gctctgttca cacgctgtcc      240
gccatctgcc tgcaagggcc caggcagggt cttactcctc attatgtcat tgcttcaata      300

```

```

<210> 1125
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

```

&lt;400&gt; 1125

ggacagtggg cctggcccggt ggagctgcca cgcaggtgcc tgagggccag gtgccacgca	60
ggtgtctgag gaccaggtgc cagcaggtg gtgggggtac agacaagatg ctgggatgtc	120
ccctgcccc tgggtcaaggg tgttctgctt gccntnttcc annccctgann nacntacatg	180
gaatccctan antntntnat ttttnttgnan nanantgngg ngtttttattt ttttntntna	240
nnngntntnt taatgntntn nantattate ntntatnnct ttttttt	287

&lt;210&gt; 1126

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1126

ccctgccctg ggtctggcgg gcggaagctc tgtccaaggt ccacacacct ccaggtttac	60
gccaacatcc ttgtgccctc cccaccttct ctccaacgc attaggtgca ttgtttaatt	120
gaaatccaac caacaattgt gtgtcaaggg tggtttggtg cagtggctgg gcaaattaat	180
tttggggcag gatgggggtg ggttgcagtg agggtaggga aaatgtcagg agtaggaagg	240
ttcggggggt aaggggaagg aaggaagacc agaactggcc atcctctttt ataatccatt	300

&lt;210&gt; 1127

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1127

tataggcatg agccattgca cccagcccag gtttttaata agatgaaaaa aatgctgtta	60
taaaaagtga aaagaggcca ggtgtggtgg ctccctgctg tgggccagc tactccggag	120
gctgaggcag gaggatcatt tgagcccagg ctgcagtgca gtggcacgat cacggctttc	180
tgacgccttg acttccctggg cggcagacgg agaccctgtt ttttaaagaa aagaacagag	240
tacaaaattg tatatgctat ataatcacia ctataataaa tgatctgtag ataaaatgag	300

&lt;210&gt; 1128

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1128

tgtggcccca agagtgggag gagtgggctg tcagtaggcc accaataaat atctgtgttt	60
tggctgaccc ccatatgcta ggatactgga gatgaggaaac tggagaaggt gcttaaagag	120
cacatctgtc tggtagagga cacagagctg tccttcaagc atttgaacga tgttctcatt	180
tccttggaaat cttctcctct ccaggctcac atctctagct ccttcaatga ttccctcttg	240
gacatcattt tagttctctt ccccaacctt gtctttttgc ttttaatgaa tgatcactga	300

&lt;210&gt; 1129

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1129

catccctgac agttggataa taggttccag gaagttcagt ggaaaattaa aacaaagcaa	60
catttatagc tgattgaact tgaaaagcca ttttggtgtt gaattggcaa tatgtggact	120
tcagcattcc tggagcctga tgcacccgc tggatggccc tgttctctgt tacatgatgg	180
cctggggact cagcagtgtg cagggtactc tccttttagag ggtgctttga ggaaagaagt	240
ttgctgccac ttacagaagt ccccttccca tacagtgata taacacaagt accccatgtc	300

&lt;210&gt; 1130



<211> 250  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(250)  
 <223> n = A,T,C or G

<400> 1130  
 gagatgctga aggaaattat agccagagga aattttagac tgcagaatat aattggcaga 60  
 aaaatggggc tagaatgtgt agatattctc agcgatctct ttcgaagggg actcatacat 120  
 gtcttagcaa ctattttagn ccatctcngt gacatggnc taaattcacnc gtgtntaaag 180  
 tgannacntc ttggaanatg gatnctanan gannatangg cngcttttcta ctntnnnant 240  
 nttnnngcta 250

<210> 1131  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1131  
 attttcttcc ttatgaccac ttacagtgga tatttattgt acttgaccct tttatgccct 60  
 agaatgctgt gaggggtacc atgttgaatt tgtgcagaag ctaaaagcac cagatgtgcc 120  
 agagatgcaa tttgtgatta tgtttgact ggattgtgat ttgaacagga cacttataac 180  
 taatgagttc tttcttttga ggtggggaga gggttgtaaa tcaagacttc ataccctatc 240  
 cttgtagctc ggaaattgag gtgtagctta ggctgatgag gagagctgca gacagctgga 300

<210> 1132  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1132  
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60  
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120  
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180  
 agtaccaaac cagcatttaa tatctaatta taaatcta attggcctaaa ctttattatt 240  
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaacagg 300

<210> 1133  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1133  
 ctccagcctg gggcgacaga gcaagactct gtctcaaata gataaataaa taaaaataca 60  
 aaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120  
 ctgaaaactg ttattgagct tagtctgtgc ctagtccagt ccctagcatt ttacaagttt 180  
 tctctgagtt aacaaacttg tgggggaaac tgaggcttcc agatgttgaa taacttggtg 240  
 aagttgtaga gcaggttcct ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1134

```

gtgctgtctt gcgcttgccg gtggcctccc aaacccttag ggatacctgg ggccagctgg      60
ggcagtctct gtctcgacct ccttttccat ttctggctag ttaccgate tgtttcatcc      120
ttaggccage tgatgacctt ggccctctcc tcccgagatc cctgcagctt ccaacagtga      180
ggccctccag cagtgaggct gctgattttc atggcctggc tggagctggg ggcccaggcc      240
aggagcagcc ccaggcaaaa atcacctccc gctgctcttc cctgccactc agtacttttt      300

```

&lt;210&gt; 1135

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1135

```

gtaaaacatg taatttggac atgcaagaca atgctgctgc caactaacat tgcattgatt      60
cattaagatg ttatttttga ggtgttcttg gtctttcact gacaattcca acattcttta      120
cttacagtgg accaatggat aagtctatgc atctataata aactataaaa atggggagta      180
cccatggtta ggatatagct atgcctttat ggttaagatt agaatatatg atccataaaa      240
atttaaagtg agaggcatgg ttagtgtgtg atacaataaa aagtaattgt ttggtagttg      300

```

&lt;210&gt; 1136

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1136

```

gtctcgcttt gtgacgtagc ctggtcttga gcgatccttt tgccttggcc ttgccaaagt      60
gctgggattg gaggcattgag ccaactgcacc caccctggtt tttatttaa gtaaaccatt      120
ataataactc atttataaaa aggttacttc aagagggtt tcaacttaag aattattttc      180
attttgaaca tgaaaagtta aatagtaact aagaaactga gaactctgac agtgacctct      240
aataggtaac tttaggcaaa agtagacaag tttgtgggta tttgttgtt catgttaaaa      300

```

&lt;210&gt; 1137

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1137

```

gtttatgaag aagctgtttc gtgtgtacag ttgctgctgt aatttagcca gcagtgcctt      60
gccttgcctt gcagtgtctg cacagctccc actgcttctc tttgctgttg ggcacgtgag      120
gcatgacttg gagggggggc tgggtgcctgg ggacctgctg aagagaatgc tcaccaccag      180
ctctctgttt ccctttctgc tttggtaatc aacacgtggt tgcttgcagt ggccgggacc      240
gtgactgttt ctgcccttgt gcctagttaa gagccttcaa aagcataatg aacacttttg      300

```

&lt;210&gt; 1138

&lt;211&gt; 297

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (297)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1138

```

ctgagatcgg ccaactgcact ccagcctggg tgacagagtg agactccgtg tcaaaaaaaaa      60
aagtcnaaa ctgtttgnet tnattnaggc agnaaatatt nnanttcggn atgacctgnc      120

```

atgnanccag taaggccttt acaaatnaca tccnaaacia atacanntca natgancaaa	180
ntanggccca aatgaaatga cntctnnntc tntgctatgg cngaaactna tnangacnta	240
tggaatcana gatagctaaa gttcattatt taaagctnta ctcccatgag nattatg	297

<210> 1139  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1139	
atccagtagg tcttggggaa catgggaatc tgcatttttt ttttttnac ngcnttgctg	60
ttcatcatca agnanttcag gncnctaggg gnaaaaaact tnttnaaaa tgagggagng	120
nttngcanen tnnngnatth cnttttnaat ngaatnngtt nttntnaaat nccaggacca	180
agnnccaaag tcancagtaa aattcanctg ngtnctnttt naacgacctg naaaataagt	240
ttatgaccnc tntnccgatn caaatngtnc aaaacccaaa nggcatat	289

<210> 1140  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1140	
gtatagcgcc tcatatgaac atgaattcat atgtattatt tcattttatct tcacaacccat	60
ccagagatga ggagatgaaa actctaagac ctcccagctt ccaaatagca gagccagtcc	120
tcaaatttat tgccatagccc aaattctgtg cttcttcacc caggccacat tgcttccaca	180
tagtttccct tcagttgtaa gtagtagaaa agtaggactc cagaatcagt atccttacat	240
aaacagctca gtacatgaga ggcagttgtg agactggaaa atggatggga ctagactgtg	300

<210> 1141  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1141	
attattttaa agtcttattg aaactgaatt caaagggaaat gtactatgct cccaggaaaa	60
agacataatt gagagcctct tcctcttggt ttttactta tcatgagttc tgggtctttcc	120
ttagcactgc tgggtctggt tatccccccag gcttctcagc tcagctgagg gtgtgagcca	180
tcgtatgttg gggactagct accagctaaa ggccacgttc tctgtgctgt ctagtacatg	240
agcaacagag ggaagaagtt gtgtaattgt aagaacttgt cacctttcat ctcttttagt	300

<210> 1142  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1142	
ctgatctcca gaccataag ggagatgctg agtagacaac tggggcttat gggctctggag	60
ttcagaggag agatcgggaa ggtgtccatt tggagtcac caccgagaga tgtgtgaagg	120
ctgctcaatg attttgaggt ttaaagaaaa aaagagatgt gaaaccaggg gccctgatga	180
ggctgcccag gtggttaagg agacagaaga gaagccatgg gacagctgag cccgggcacc	240
ctcaagcctt ggagggcatga agtttggtgg ggatctggca aagaacacct gggagcagcc	300

<210> 1143  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(189)  
 <223> n = A,T,C or G

<400> 1143  
 gaaacagaca aatctgtaat aacggcctaa ttctgtgtct gtgataagtt tcattactgc 60  
 ccaataataa aaaatgtgta ataattattt aagccaattt gttcatttcc aacaatttct 120  
 tttttttttt tcccnanacc cnnantttta aaaccttggn tnaanggttg aaaangggga 180  
 nngggtecg 189

<210> 1144  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1144  
 agcagctgca tctagggggc cttgggtgaga tttacactca gagcctgggc gccccccggt 60  
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120  
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180  
 gctggtttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt ccactgaaca 240  
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggggagcag aacttgtggc 300

<210> 1145  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1145  
 gaatattaag ggtattcatg agaggcaagt gataggttac tagggatgga ttgtgtggga 60  
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120  
 ataaatgtaa aattagtctt attcttgga gtggaagaca gcagttatca gagaggagaa 180  
 tttaatcaaa agaatcagaa tagcatggtc acaggccaga ttcacattga agtatttact 240  
 ctatatttta ctgctgttac attcaaaatg tatcagaagt ctcatggttc aattaataga 300

<210> 1146  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1146  
 gaacaaatca cttaaggaga aagtagaaaa aaagctgtat tttaacaaag aggtatttcta 60  
 atcggcaaga caatgaccaa ccattacgac caaccattat gagaatatag cttagggacg 120  
 tttgtgctca gtcctctttt tacccaatgt caatgcctgc ctgagtgtat tttcttctgg 180  
 aggagagttt tgtggatgcc atctttccgt tacggaaaac cagtggagga atgggcagtt 240  
 tcttgccatg acccaccatc atttaaaciaa ttgggtgtttg agttcagaaa taagtcata 300

<210> 1147  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1147

cctgcctcag	cttttcaagt	agctaggact	acaggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtaa	gttgccctagg	ctgggtctcaa	actcctggcc	120
tcaagtgate	ctcctgcctt	ggccacccaa	agtgcctggga	ttttagggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

&lt;210&gt; 1148

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1148

ctttgggata	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcactt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcaat	tttcttcttc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	agggtctcag	ttggtaaaat	240
aaacggaaac	ttctggttta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

&lt;210&gt; 1149

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1149

gagaggaaga	agcagctgac	ataaacatgc	taagagggaa	acgtctaaaa	tgtaaatgaa	60
tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag	240
gaatgcaa	gagactacag	tattcaaatg	gtgctgctgg	agaacagaca	tgaaatccag	300

&lt;210&gt; 1150

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1150

agaggggttg	tgaaaattca	gacagaatgt	aacttgacaa	agagaagaca	gcaacaactg	60
taacaattat	cttatgaata	tttgcgaaac	tcaaagggat	ctgattgggtg	acctctgggc	120
tttatcaa	taacatcaca	acttctagaa	gaaagtcaac	cttcatcttt	tacaatagaa	180
atcatatgtt	ttgctaacc	attcctat	aggctgaaaa	caattaagag	ttatgggtac	240
ttaaaaaa	cattatgttt	ataaaaattag	tgatagaagg	agcatagtgt	tcatacagtc	300

&lt;210&gt; 1151

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1151

ggttactccc	aggtagaccag	gtggcctgta	ggaaaccaag	ggctgctata	tgaccggagc	60
tggtatggtg	tgaatcacia	tggtgtttgc	ctgagtcaga	agcaggaacc	ccggctctgc	120

```

ctgatccagc ccttcacoga cttgcccgaaggatcatgg tcatcaaagc caaagggatg 180
gagcctatag aggtgcctct tgaggaaaat agtgaacgga ctcagattcg ccaaagcagg 240
gtctgtgctg acagagtaag tacttatgat tgtggagaaa aaatttcaag ctggttggtca 300

```

```

<210> 1152
<211> 104
<212> DNA
<213> Homo sapiens

```

```

<400> 1152
agtgcaccca tgcgttttca cttgtttctta ggctacttca tccaataata tatttgagta 60
gttctgaaca ggaacacaag taaggagaat tttttttttt tttt 104

```

```

<210> 1153
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1153
aaaaaaaggc ggtgggggga aattatctcc acaaaacaaa aagtccgaca ataagcaata 60
agctgtccag ggctgataca gggcatgatg aggtcatcac agatccaggt tctttctgtc 120
ttctgtctcg cattcgtagc ctgtggcctt gtcattccct catctggaaa tggcggtctgc 180
agccccaggc acaatggccc gttgaggaag aagggggacg atgtgcagtg tcagggttatt 240
ttatcaggaa agttcaaagc ttctcagaaa tcttctgttg gaattctacc tgggtgtcat 300

```

```

<210> 1154
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1154
gacaaaagaa aagtatcatg tagatttcaa ctggagacag tgactttaat cttctaagtt 60
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<212> DNA
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gcctctggg ccaggtcctt cagcaggagg gagctaccct tcgccagaag tttgtgagaa 240
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<212> DNA
<213> Homo sapiens

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&lt;210&gt; 1157

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1157

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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1158

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&lt;210&gt; 1159

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1159

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&lt;210&gt; 1160

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1160

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&lt;210&gt; 1161

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1161

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&lt;210&gt; 1162

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1162

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&lt;210&gt; 1163

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1163

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&lt;210&gt; 1164

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1164

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&lt;210&gt; 1165

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1165

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 caacagtggg aaagagaggg ctccccagat ttgtcttata gatctcatcc ttcagagact 180  
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 cttataaagt gtaagaactc acctttggga gaaaaatctg gttctaaggc atgtggtaaa 240  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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&lt;210&gt; 1171

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1171

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&lt;210&gt; 1172

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1172

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&lt;210&gt; 1173

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1173

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&lt;210&gt; 1174

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1174

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 1177  
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&lt;210&gt; 1180

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1180

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&lt;210&gt; 1181

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1181

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&lt;210&gt; 1182

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1182

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&lt;210&gt; 1183

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1183

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&lt;210&gt; 1184

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1184

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&lt;210&gt; 1185

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1185

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&lt;210&gt; 1186

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1186

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&lt;210&gt; 1187

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1187

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actcagtaaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	caaaaatatt	300

&lt;210&gt; 1188

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1188

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ggaaacctcc	ttctgcaatt	taagaaataa	aatcccagtg	acattgattt	ggatgctcca	180
aacatgtcca	taatggaaga	gcttttccag	gttttggttt	gggcccccca	gaccaaagct	240
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 gtatcattgc tttctttcta tattggatta ttgtcagaga acatgatttg catgatatta 180  
 acttttttggga gtatattgtt gcatctttgt ggccatgtac atagttaatt tagtgaatgc 240  
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 <212> DNA  
 <213> Homo sapiens

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 aggcctggcg cagtgactca tgctgtgat ccagcactt gggaggccga ggcgggtgga 180  
 tcatttgagg ccaggagtgc gagaccagct tggccaacat gatgagacct cgtctctatt 240  
 aaaaatacaa aaattagcca ggcgtggtgg cgctgtagt ccagctact caggagggtg 300

<210> 1191  
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 <212> DNA  
 <213> Homo sapiens

<400> 1191  
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 tggggtggcc ttggaaactg gcaagtcacg ctccatcttc acagggttag ggaaacaggg 180  
 ccaggaggag tgcacctgcc agggccacac agggaggagg tgtgtggctc catgtggcct 240  
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<210> 1192  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1192  
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 cctgggtgac agcatctact ccacggggg cagcgatgac aacatcgagt ccattggagcg 180  
 cttcgacgtg ctgggcgtgg aggcctacag ccgcagtgac aaccagtggg ccgcgtggc 240  
 gccgctgctg cagcccaaca gcgagtcggg cgtggcagtg tgggagggcc gcatctacat 300

<210> 1193  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1193  
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 gtcactgagc ttcttttatt tctgtagtca aggaatgtgc acaagtaatg caaatataat 180

tacttttagt cctgaggatt agggaaacttg ggggatgttc acattacctg atgatgtcaa	240
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<210> 1194  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

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ttaacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa	120
agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa	180
gtcaaatcat ttaatectca tgaccctaag aagttatttt aagatctttt gagaatgaga	240
aaaaaggatg agtaagggtg ggtgatctat gtaaaacaaa taaattctag taactggcaa	300

<210> 1195  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

gccacggcgc tgggcctgaa ttttttttaa tacttaattt agatcaataa cttcgactgg	60
tactgaaatt tgcactcact ttcagcttac agtttggtgta ggactgctag acccagttct	120
tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt	180
ctgtgcagat gagtgc aaat tccaccag cattgggtcc tgagtaatta gaggaaggaa	240
gccatgcaaa agctgctatt gccaggctc cagaaaaaca tcatgtaagg ttgattcca	300

<210> 1196  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

ttatgcttca tgttcattgt tttaccaatt ttagaataacc ccaatggggg aggtactttt	60
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ggagttgggc tccaaccag gtcagtctgt tccccaaaac cttctgttt gactttgccg	180
ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa	240
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<210> 1197  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (289)  
 <223> n = A,T,C or G

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aaatatcttt cttttgagag taccaccagt ttatttctac tgtgctttat tgctactgtt	180
ctttattgtg aatgttgtaa cattttaaaa atgttttggc atagcttttt angacttggg	240
gttaaaggag ccagnggtct ctctgggtgg gtactatncn gagttattg	289

<210> 1198  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1198  
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 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180  
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtgg 240  
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<210> 1199  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1199  
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 catgggtttg ggccgcccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180  
 gggggaaggc cattgccaca gttgggacag tggcacaac tcaaaaggaa ggaagaacta 240  
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<210> 1200  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1200  
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 tatctccagg tggaccgctt cagcctgctg cccacggagc agccccggct acgggtgect 180  
 ggttgcaacc aagacttaga tggtcagaaa aagctctatg actgccttga ggagcacctt 240  
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<210> 1201  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1201  
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 gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaatata ctagaaaaat 180  
 atacatagta attaccaaatt gactgacaca attttatagg gggttcagag aaacatctgt 240  
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<210> 1202  
 <211> 148  
 <212> DNA  
 <213> Homo sapiens

<400> 1202  
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ttactttttcc tcccacaaag gattcgca

148

&lt;210&gt; 1203

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1203

cagaaaaacta gcagggttaca ttttataggc tattgtagtt ttattttacca aatgatattc	60
tctaaatcac ttcgaccaat aaatgtattc tctccttaa agcagagttg tatcaactct	120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggtctg	180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat	240
ggcccactgc tcccctcttc ttctcagtgc tctttgccct ctctgtctgc gatgcttct	300

&lt;210&gt; 1204

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1204

gttgaggat ccgttacaag aattcagagt ttggcatct cccctttgta tgttgtagga	60
gaagggttgg cattgaaaat gtgctgttgt tccaaagaaa aattagcaga ggacttgaga	120
tttagaaaag tctcctttgt aatgtgcac attaccagtt atctaaagaa aaacatgtaa	180
aagccaacaa aacccttgaa aatattttgc atatggatgt ctgtttcacg tttcaactga	240
agatgtatag agcacctctg atgatgagga agataccatg ctaggcagta ctttcaagaa	300

&lt;210&gt; 1205

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1205

ccttcccacc ttgtgagttc tcccagcagt tcttggtatc ccttgccaag gcactggcca	60
aatctgaaga agattacctg gtcattgatca ttgtccgtgg gtttggtttt cagataggag	120
ttaggataga gaacaagaag agagaaaact tggcgctgac cctgttatag tgggttatag	180
ggtgtcccta aaggaggagg atgatttcag caaaactggg tgaacagcgg atgaagatat	240
ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca	300

&lt;210&gt; 1206

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1206

cagagtcaac atggagcatc tcaactgtgaa atgatccatg gattgaagga tatggtaaaa	60
tgtttatagt ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata	120
caaaactctc ttcttttagg gctactgagt cttgatccct gatcatcaga aatttcacca	180
gaaacaactt gtttccaata taccgaattc tatatgaaga attcatggag agtgtactgg	240
cactggaaga gtttagtggt tcttgatgc ttgaaaataa agtatgtact gttttgaatg	300

&lt;210&gt; 1207

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1207

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cactgttgca	ggcgtgcagg	tccgtgggtg	tacacacatg	ctgttgcagg	cgtgcaggtc	120
ggtgggtgta	cattcacact	gttgcagggtg	tgcagggttg	tgttacacac	attcacactg	180
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&lt;210&gt; 1208

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1208

atTTTTTTTg	ttcgaatgag	ccttaatctc	ctactagtga	TTTTTTgttt	gaaggagcct	60
tgatcttggg	ccaccgaaaa	ggtaaaaacca	gtggcaagct	tgaatgcttg	TTTTatggta	120
gacttagata	cgagaacggg	taaagggtac	tggataaaact	tgggatataa	gattgtcttc	180
TTTTatgcat	accactcata	ccactgggtg	gaaatttcat	ttggaattac	tccttagggc	240
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&lt;210&gt; 1209

&lt;211&gt; 215

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1209

acctggtgtc	ctcgtgcttc	ttgggcaggc	cagctccatg	cagtgcagtg	cccctgaagg	60
gaatggggcc	aggagaagac	ataacagggc	atgaggatct	tctctgtgcc	aagaatcatg	120
ctaggtaacc	cccctgagat	ttctcatcct	cttgagaatc	ctgtgagatg	atcctgctgc	180
ccttattttt	ccagatggaa	aaacggatta	cccag			215

&lt;210&gt; 1210

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1210

cacctgtgcc	cccaggctca	aggtctctgg	cagggtgcaca	ccagcccaac	tctgcagggc	60
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gccttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gtcccggtg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
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&lt;210&gt; 1211

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1211

ttgcacagga	ggagaattag	cacgatgtaa	aataaaaatg	aaagacccca	atggggagaa	60
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aactatatac	agcacttcaa	gtttatttat	tgttaaagcc	tcatgtaaat	cacgtcattc	180
tgaaaatcat	ggaaactgca	cattttgtgca	ttaaactatg	taaacaacaa	aaactgggtca	240
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&lt;210&gt; 1212

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<400> 1212

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cattacatag tgataaatatc atacttggtt gttaggcttg ttgcttcccc acatcagagg 120
catcctaata tttatctttt gtaattgctg tgaacttttt taaataagcc atttagtggtg 180
aaattgtcat gtatcaaata gctattggaa atggacttta ctcaatttta attccactgt 240
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<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

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cagggaaaag accgctgatg ggagctgctg aagtttctag gggaggtgaa ggtggcgcc 180
cctccccctg tctaagtggg agatgggtga gggagaggag aatttcattc tgtggcagca 240
gctgatagat tccaggtctt taatactacc tgggaaaacc taacaaagca gtcagtcacc 300

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<210> 1214

<211> 299

<212> DNA

<213> Homo sapiens

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<221> misc\_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 1214

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gtgtgtgtgt gtatactcac caattcttta ttatttnaac ngatatttat tgaatnttta 180
ctatngggga ngnatanttn angagcntgn ntntanctta gncntcance ntggcttann 240
gcncnnggan tctnatgnag atccnaganc gntngncenn atcacnntgc tttgcgcct 299

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<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

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acttcttcca taaatgttgg cttcccttta tgtttgtttc tcacctttac aaagttctgg 180
tgatcataat catcccaggc accttgtgcg cctcctgttt gctgaaggaa tttttcaaaa 240
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<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

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gccgtcagac	ctgggtggct	accaacaccc	tgagcaaggc	ggccttcctg	ttgacagtgc	240
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<210> 1217  
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 <212> DNA  
 <213> Homo sapiens

<400> 1217						
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ttcttcgact	gttgcatacag	cttctcaaac	ctctgcaggt	tcaggctgcg	agccctaggg	240
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<210> 1218  
 <211> 290  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(290)  
 <223> n = A,T,C or G

<400> 1218						
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tgaacctntg	aagtngaggt	tnatagagnc	nnaaccngnc	nanngtactc	cagctttttn	180
gacattancn	agattncggn	tnanaaatna	aaannccncc	ctttaaatcc	tgtttttttt	240
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<210> 1219  
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 <212> DNA  
 <213> Homo sapiens

<400> 1219						
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<210> 1220  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

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ccctccaaat	gaataccgaa	gttagatttt	gcatattaaa	ttgaaagaaa	gttaaaagcc	240
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&lt;210&gt; 1221

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1221

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gtggagttca	actttttgat	ataagtggga	gggctccct	caggcagttt	gaaggccata	240
caaaagcagt	tcatacagta	gatttttacag	ctgacaaaata	tcacgtggtc	tctggggctg	300

&lt;210&gt; 1222

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1222

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ctacagtcta	tactcaatac	ctataaaatg	cagtaagcat	gtgttacaga	aagaggttct	120
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&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1223

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&lt;210&gt; 1224

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1224

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caacttcttt	tacttcccc	tcagttggat	ttgtaacaga	gtatctttgg	tgggacactt	240
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&lt;210&gt; 1225

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 <213> Homo sapiens

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 agctgagccc acatcactcg ttctgctgcc cagggtgtgct tccatcttca ctgtggaaaa 180  
 gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactggggtt 240  
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 <213> Homo sapiens

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 accttaatca gaaagattaa tttctgtcct ttcagtcttc tttctgtgct cataaataag 180  
 cattgtttct tttaatcaac ctgggcagta tctttctcat ttttaacagtt gtctagagct 240  
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tatacatctg	tcagtccttat	caaggaaatg	tggaatgggtg	aatctgcttt	acaatgagta	240
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 <213> Homo sapiens

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cctccatgcc	cgccaaaagt	atcagtgtag	atgaattgga	ataccgacag	tgagcagggc	240
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taatgcctgt	ctttgttccc	tggaaacagag	tttgtgtttc	cttttgtgtt	acaacagaac	240
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ccaaagaatt	agggagtagc	tagcagaaaa	tggaggcatg	acactaaaca	cagactgaaa	300

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&lt;400&gt; 1234

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agtggaatgt ttctagtgtt tgtgaagata tcaattgctg gctgatattt taagctggat	180
gaaaaatgtg ggtgaagtaa tcttaaaggg tgatagattt gatatgagaa atttaaagta	240
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&lt;210&gt; 1235

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1235

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&lt;210&gt; 1236

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1236

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gcagagctac tgtaaaagaa ggatagagga gggtaagttt gaaagtggcc atgggcaaga	180
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&lt;210&gt; 1237

&lt;211&gt; 300

&lt;212&gt; DNA

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&lt;400&gt; 1237

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aacttattta aatccatgta actgaactaa taataaccagc tgcagtttta tccctggctgt	120
aaggactacc atgatgggaa aaaataagag gaaaccttac cctccccac attcccacat	180
gaccagcagc ataagggtc caggttacca cagtatccat catttgtctt atggccaccc	240
aagtacacct gtttacatga cttactgggc ctgtgtagaa attgcagttt gtgataggat	300

&lt;210&gt; 1238

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1238

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gttcaggtct ggggtggcatc ctgagaaaagg gagcaaggca gtgtggtgat gccaggtgca	120
agaagtggg ggtgtccaga ggggaagtga atgctctgca aaaaagtcag agggcatctc	180
agaaaaataga gccacttttc ttgatttccc agaaatagtc actcactcaa agcccttgta	240
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&lt;210&gt; 1239



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 <213> Homo sapiens

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 catctctgac tcggaagggg cttgttcgag ttgtattttt tccattgttc agcaattggg 180  
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 tataaaggaa agagaaaaaa taggactgtg gcttagtttg ggctctgttg actgactata 180  
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 agtggatata aattagagta gataatgggt caccttgata gcctctgttt acattacttg 240  
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 ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 180  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1243

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&lt;210&gt; 1244

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1244

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&lt;210&gt; 1245

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1245

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&lt;210&gt; 1246

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1246

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ctgaagaaaa	aacttgtcag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
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&lt;210&gt; 1247

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1247

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&lt;210&gt; 1258

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1258

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gacttgaacc	caccattctt	gnaacttctt	tgatatctct	aattatgggt	taggtctgcc	180
agtttggtat	ggagcagaaa	agaagatgta	agctttcttg	aggtagtagc	tgctacaggc	240
atacantata	tnatctcang	caatagcaag	tccaagtagg	actgatacag	tatacacaaa	300

&lt;210&gt; 1259

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1259

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&lt;210&gt; 1260

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1260

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tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
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&lt;210&gt; 1261

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1261

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ccttgctcgt	tacagagtaa	tetaagtga	aatttccaac	gtcctatcct	tacaaagaaa	240
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&lt;210&gt; 1262

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1262

cccacacctg	ccatattgaa	cgttttctgc	actaatcttc	tccacgggca	cggagtggag	60
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&lt;210&gt; 1263

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1263

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acctttttta	attatgttag	agatgtatat	aggtatttaa	aggtcactgg	gagcgtttct	180
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&lt;210&gt; 1264

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)...(298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1264

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&lt;210&gt; 1265

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1265

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 <212> DNA  
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<400> 1266  
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 ttgtgatgtt tgtgtctcac gtgtccgtgt gaagagacca ccaaacaggc tttgtgtgac 180  
 agggcaaggg tagaaatcat gttccagaac tcagtgaagag ttgtaggcat gaaagaggag 240  
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<210> 1267  
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 <212> DNA  
 <213> Homo sapiens

<400> 1267  
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 atccagattt ggctctggaa acttctgaag ctgtagcctt tggggatccc tgactgcgag 240  
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<210> 1268  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1268  
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 <212> DNA  
 <213> Homo sapiens

<220>  
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 <223> n = A,T,C or G

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 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240  
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<210> 1270  
 <211> 300  
 <212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1270

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tgatcaaagt	tgggattttg	ctattattgt	gacaaagggt	ccagccttgc	agtcagatc	240
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&lt;210&gt; 1271

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1271

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&lt;210&gt; 1272

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1272

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catttggtta	ttgtcttttg	tctaggaaaa	tcagactcag	ctgtgaattg	tggaccaagt	180
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&lt;210&gt; 1273

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1273

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cagttgtctt	aggaaaaggc	agattctcag	aggcaatggg	ctatcaacaa	aataggtgct	240
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&lt;210&gt; 1274

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1274

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ggccaggctg	gtggggagccc	gccctgggtc	catctggatc	ccgccacctg	gacgtgagg	240
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 <212> DNA  
 <213> Homo sapiens

<400> 1275  
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 tttaaaagag tctgtttctt ttaatacatt atctttgaaa tgctcttac tgaggaatga 180  
 ctaaacttct tctgaaatgt gctctctgga ttgaagtcaa gagtacatgt tgcaacaaag 240  
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<210> 1276  
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 <212> DNA  
 <213> Homo sapiens

<400> 1276  
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 gacgagtgtg catggctact ctgagcaggg ctgggttctg ggctgggttg agcacagcat 240  
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<210> 1277  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1277  
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<210> 1278  
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 <213> Homo sapiens

<400> 1278  
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<210> 1279  
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 <212> DNA  
 <213> Homo sapiens

<400> 1279  
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 aaaaatacaa tggcttattt aaaatgtccc tatgcatggg gaaatgttaa ataccaagtg 120

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<210> 1280  
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<400> 1280						
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<210> 1281  
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<400> 1281						
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<210> 1282  
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 <212> DNA  
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<400> 1282						
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<210> 1283  
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 <212> DNA  
 <213> Homo sapiens

<400> 1283						
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1284

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&lt;210&gt; 1285

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1285

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&lt;210&gt; 1286

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1286

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&lt;210&gt; 1287

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1287

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&lt;210&gt; 1288

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1288

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&lt;210&gt; 1289

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 <213> Homo sapiens

<400> 1289  
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<210> 1290  
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 <212> DNA  
 <213> Homo sapiens

<400> 1290  
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 <212> DNA  
 <213> Homo sapiens

<400> 1291  
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 tctgttccca cttctcccag aatagcctag gatgggcaac catgtaaaat tcaataaaaa 120  
 tccaaccttc taactaactc gtggtgttgg agagtattaa gcatttgaaa agttcaggta 180  
 gaattttcat cctttttgag ctctttccta gctgctttgc tgtgatatat ctgtcactcc 240  
 agatgagggg gtagtggtgg aaaaggaatg cattctcaga ttcattgttg gtagttcaaa 300

<210> 1292  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1292  
 aggtaggcac ctggcatgtc agttgcctga atttgaaagt tttcacctgt atgttttggt 60  
 acgataaaaa taaaaatgta atttatatat ctgaatcagg tctgtatgtt atgatcaatt 120  
 gctcagcaat ttcgggcagt tggtttgatg gttatgtagt aatgtagcct gagagcagaa 180  
 atacagagcc tctgggctag agaaagtata aatggcatcc taggctatgt agggttacag 240  
 ctcttcagaa ggaactttca ttttcattgt gacacatcgt ctacatgttg tagaagaaca 300

<210> 1293  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1293  
 gttgtaccaa taaagtttgc aacctacagc aatagccagt caataaagga aatgatgctg 60  
 atgtagcatt tatgagcctt aaaaaacaaa caaaaaacct taagatgtta aattttattcc 120  
 aaggattctt tttttttgtt gtacatgaat gttcatatca ggtttatttg taatagccaa 180

aacagtatac	acctgaatgc	ccaccaacaa	gtgactagat	aagcaaagta	cggtacatgg	240
atatgatgga	ctacctcaga	gcaataaaaa	agaatggact	attgatacat	gctacaacat	300

<210> 1294  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1294						
gtttccttct	gttgctcctgt	gcattataat	atacaaaaata	acttatttttg	atgatcagag	60
gtcttgaggt	cttgacctct	tgacatatac	actgaaaaaa	atggggggttg	tatgtatgtg	120
tgctctaccc	aaacctgtgg	ccgccacttt	tgaattctca	gattgccctg	aattttgcca	180
cttttaaata	atgtgctgaa	taagctcagc	aactaaaaac	cattacccaa	gaacgtttct	240
tgtgagtgag	ctgatttatt	ctgattcatt	atattccttt	tggtagattt	tatacccctt	300

<210> 1295  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1295						
acggagttga	gttgctaact	tttttccttt	tcttcagttt	ccagatgagt	ttagcagtaa	60
agatgctttt	cccaggcaca	aattgggaat	ggaaatcacc	tagttccgtt	ccctctgaca	120
gctgtaaatcc	agagagctaa	gctgcttact	tcattagctt	ggtataagct	gacgacagca	180
gtgcccttgc	tttatatttg	tcagagctag	gaaataagcc	ttcttttttt	ctgctgtaat	240
catagttacc	cttgaactga	aatatcttac	atttattctc	aagcaggtag	ggagaggaga	300

<210> 1296  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1296						
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cacgatggga	aaagggattc	caattacgat	ttaacttgta	ttttaagat	gagaaaagaa	120
atgaataaga	aaatttgttg	ctatttttct	tcttccaaat	tagaatctat	atctctaaaa	180
atactttgca	tgtttagtaa	acatccatct	tgaacagaag	ataccttgac	atcagttcta	240
tttaatactt	atggcaatta	agagatttag	aaagcagagg	aaaagaccaa	aaaaaagtat	300

<210> 1297  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(289)  
 <223> n = A,T,C or G

<400> 1297						
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gttcttttct	tgtaaaaaaa	aaaaancggc	nnaacaatnt	tggcctttnt	agctnggnna	180
ccccnggcgc	gncaatccct	netnetctcn	aagcctcggn	ttcctccctt	gaaaagtaaa	240
gaaaataact	cctaaactgc	ctcccnaggc	ttgctggcag	gatccaagg		289

<210> 1298  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1298  
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 gcctaaatga ttcattatct taaatgtact aaatatgttg agtaattttt tcttctaaac 120  
 taacagaaaag agagaacctt ggagttactc ccttaggctg gttaaagtga aaggtagcca 180  
 agtcaaccca gcttggtttcc ttctctcatt aggaaagaac tattgttcat tctcataaca 240  
 cactttttcc aattgcaaac atactcaggg ttaaaatagt ttagcacaaa ttgcagccca 300

<210> 1299  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1299  
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 aatgtcactc tgtaaagagt aaaaaattta ggatgatgat acgatctggg aaaaaaaggc 120  
 atattgaaga ccacttaaaa acaaacacaaa aaacctatga aggtgcatgc tatttcccca 180  
 gagctaaaaa gataagtga attgtgtttg aactcttaag tggaggtgaa gcagaattta 240  
 ttagccacca accacataag tgattatgaa gtaactgaga aacaggtaac attttttccc 300

<210> 1300  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1300  
 cttgggggtga gtctcatctt caccctttca ccaactgtcc tggttaacaat ctcccttcca 60  
 tttccttggt tttacagcat accccataga atcaagcctc gttattgcca gggctgaact 120  
 gacttttttg tttttgtttt tgttttaagc agtaccattg tgcaccttgg gaaaattcct 180  
 gtgttgatct aattttacca tattcttcac tccactgacc actccaatta ggatactcct 240  
 ggcactcttg gtttttagaga ggcttagata tgtggctatt tatecttttg tcttcagcac 300

<210> 1301  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1301  
 aggaagctgg ttgagaagaa gaaggaaaaa gtcgattcta ctgactgacg tttccccctg 60  
 ctgttaagaa tcccaaccac acactttcac acactattcc aggttctggc tactgaatga 120  
 tcccacagct gaggtctatt gtcacgctc cacttctatt tttagcagca ctaaaaacat 180  
 tcccaaaaaa aatgtttttt agctttttta ctgcgattca ccactaagaa attggcattg 240  
 gaacagtcca cagagcttat tcaaatttca cccattttac atgcactcat ttgtgttgca 300

<210> 1302  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1302  
 ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat tttagaggca 60  
 tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag tgatgaagct 120

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cctcaggaag atgagggcctt tatgggcatg tccccctctct tacaagccca tcatgctatg      180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt gatccctcat      240
gatgtactac cagactggct caaggataat gacttctctt tgcattggaca cgggcctcct      300

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<210> 1303
<211> 299
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

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<400> 1303
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gacgaatcgc tcattctctg ttcttttttt aaaaagaaaa gatttcagaa aaaaaaaaag      120
tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc      180
gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc      240
ttttcttttt tttcccttc atacataang atctctactt cnttaaaagc gtattaatc      299

```

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<210> 1304
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1304
gattcatttt tgtactagtt aatatcaact ctttctcaga agtagtcaaa atataaatag      60
gaagttcttc aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa      120
catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcatttcca gttttcaaac      180
ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt      240
gccaaactct tcatacttcc ttcaataact gcttagcaaa cactcttgag tgtcttctat      300

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<210> 1305
<211> 298
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

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<400> 1305
ttgctctatg tgatgtttat tatcaaatac atataatttt gaagatttta atgaatggct      60
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ggtgtctgtt tctgattctt atcacaactt gctacttagt gtctaccaag tctccacct      180
ctttgtcctt caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnactt      240
agagancnnc ncanagctgc catacnggcg atcnctgaen tcanacttcc cctcttaa      298

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<210> 1306
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1306

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gcttctcggt	ccccaggggg	ccgcttgggc	tgttggtctc	cagagcaggg	ccactgggca	60
ctctgtgatg	ggggagcctt	tgtctgaaag	cacagccccc	tgcaccttc	tctccccatg	120
gcttccccct	cattggcatt	aatctgggca	ccagctctct	ccatagcagt	gacttccctc	180
accactctca	tctctcagcc	ttgccttttc	ttcctgacac	tgtcgccccc	tctctcagg	240
agacactgcc	gagggccacc	tggcagaagg	ctgagttagg	cagcagggcc	gggagcgtct	300

&lt;210&gt; 1307

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1307

gtttgttttt	cctgagacaa	gaaaatcgca	ttcttgttta	tatttgaaga	tagcaacttt	60
tagccatcat	gtgaaatatg	gttattgttt	ctgtacacct	ggaacgttgt	agtgcctgat	120
actgagattt	tggaaacact	gaagaattat	agcattataa	gaattttaaa	tttatgagaa	180
aatctgagac	aggggcagag	atggctgatt	ttgatcttgc	tggatcttag	accatgagaa	240
tgacaggcct	gaagccctga	aatctcacct	caggggtggag	tgtcagactt	ggcaactttg	300

&lt;210&gt; 1308

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1308

gcatttttaa	tttttgtcag	tgtccttcat	gtctcagctc	ctgtcttcca	ataattttct	60
gaaaaaggta	atgtgttctt	taaatgtgtt	tataaaaagg	tattctgctg	tctccaagga	120
actgtttctc	accagtagaa	gtagcttggt	aaatggctca	tgaaaatggg	aggcacgcct	180
ttaaagataa	tagaacaaga	aagtacgttt	caccatgaaa	agccgttcgt	catgatctac	240
tgagatggaa	cataatgtaa	actctgtgac	tcagtgggtt	cattcttaag	tgttgtgtac	300

&lt;210&gt; 1309

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1309

ttttgacatt	gttacaagta	agcagcttta	ttggttcttt	tacttacgtc	tttaaataa	60
tggagcaaca	gtacggtcag	tctgcatctc	atgctaactt	tttggtggga	atcataacca	120
ttcctacggt	tgcaactgga	atgttttttag	gaggatttat	cattaaaaaa	ttcaaattgt	180
ctttagttag	aattgccaaa	ttttcatttc	ttacttcgat	gatatacttc	ttgtttcaac	240
ttctatattt	ccctctaate	tgcgaaagca	aatcagttgc	cggcctaacc	ttgacctatg	300

&lt;210&gt; 1310

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1310

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggtctg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tcttgaccaa	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccttggaag	gctgggtgact	240
actcttctcg	ccttagtcac	ccctccatgg	gctgggtgct	aaggtggctg	tggatgccac	300

&lt;210&gt; 1311

&lt;211&gt; 300



<212> DNA  
<213> Homo sapiens

<400> 1311  
cctgaacctg cccatggaga cagttgtggt gagggttgcc acacacagtg agggcggagc 60  
aggggtggctg agggcacagg tgccctgggtc tgtcccacgg ggcagggtt tggggctgtg 120  
atgctctggg aagccagctt gggctcctggg tctacagagg gccctggccc cggagcccag 180  
ccagctctgc ctctctcagg gcctggagtc ctggggggagc tcagccagct ctgcctttct 240  
cagggcctgg agtccctggat gaatcctgca ggttttttggg tgcaccggcc cagggaggaa 300

<210> 1312  
<211> 132  
<212> DNA  
<213> Homo sapiens

<400> 1312  
gatcagtgaa aaacattagt atacgttttt aaataggcta atttttcaac ttggatcatt 60  
aggcttaagt actacttgtt tcaaagtgtg caaatacaaa aatggtaact aggttgacag 120  
atactttgta tt 132

<210> 1313  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1313  
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atgcatttca gaaacaaaat attaacgtaa acagaaaaaa gagaaagcaa tcatgacaaa 120  
gcctaagagg gctagtggaa tgctagaatg aactcattta ccttcctttg atatttaggg 180  
gctctattgc ctgctaattt catcactgtt atttttctta cctcttatct ttttccctgt 240  
agttattatc agcctaatat tcattcattc attcatttac ctgagttttc aggcttgtgc 300

<210> 1314  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1314  
gtgatatgaa aagcgaatgc accattttctt ggtgatgatt cagggtcagcg ttgggaccca 60  
ggaatctcct gttaatcagt accctgggtga ttttgatcca ggtcatcaag accatggctt 120  
ccatcgtagg cagtcacact ctttctctct tggatcattt gctgtgggga agcaaactgt 180  
catatgagag gacactcaaa cagcctctgg agtctcattt gctaaggaac tgaggactcc 240  
agcctgagaa ctcaggcaag taactgaggc ctgccaacaa ccatggagaa agcctggaag 300

<210> 1315  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1315  
gctaagggtta aatagtatgt attcctttct tacagttttt actctaagat agctatttcc 60  
tcagtgttaa ctcattaaat tacttgataa gaaccagctt tatattgtaa gatgtgtaag 120  
cagtgggagc aatgggtggaa atagcctttc tattttattt acccaagtct gtgtactcct 180  
catccttacc agggccccta actgatcttt ccactaaatt atgtgtgtca cagcgaaatt 240  
aaaattactc ttccaaagtg caactctaatt catggcactt aagggtattt cctttactta 300

<210> 1316  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1316  
 ggtagcacag geetgceett gcacccatgc tgtacagtgc ggttactaga cttgtggcgg 60  
 ttgttgtgct gtcttctcat tagcatgcaa tattcaattg actgaattcc ttttttagcta 120  
 agagaaatat tacaggggcat gatcatttta gggtattaag gtgtctaaact caatatgtaa 180  
 actgctgaaa agaattatat gtttttatca gataatctca acatttcaaa agacaacaca 240  
 ttcagactac tcccctttcc ccccaacttt tatctagtgt ctgaaaccac atgactagtg 300

<210> 1317  
 <211> 55  
 <212> DNA  
 <213> Homo sapiens

<400> 1317  
 gcacctctgc cttgggaacc aattttctcat tattgtcagc cggtcagctg cctgc 55

<210> 1318  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1318  
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 ggttactcca ttctgctatg acaacttggt tcaaagtgtta atttacatag gattttttat 120  
 aagccattaa ggcatatgta tagtatatca gtaaagatgg atggtgcata tataaatagt 180  
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaaat nttccccanc 240  
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<210> 1319  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1)...(300)  
 <223> n = A,T,C or G

<400> 1319  
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 gaggcgtgag tatagggtgt gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180  
 gggttaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240  
 ataaaaacaa attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320  
 <211> 300

<212> DNA  
<213> Homo sapiens

<400> 1320  
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gatttggttc aggatggctc aaggctcctga tataaaattg cgtagtattt gtatataacc 120  
tatgtacatc ttctcgtatt ctttaatctc tagattactt ataatacctg atactatgta 180  
gatgctatgt aaataattgt tatactgtat ttttttcaa ttgttttatt gctattttta 240  
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<210> 1321  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1321  
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gattttactg gctttctttt agcatttctg tctagtcgaa atggggggcca ggcttgccaca 120  
catagacaac tgaatgaatg taaccggacc tatccatct aggctgacct cttgaaagat 180  
aggaggggaa gtctaaaaca ggagaaaagt tttagaaatc ctttgatta ggcttaccga 240  
gatttagtgt atgtaaaata ttatgatatt cttagtgtt caggattatg gattttaagt 300

<210> 1322  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1322  
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atcaaggaga ggaaccctgc ccatgcctgc cgtgtgttca ggtggctaga cttgttggtg 120  
catctgttag ttccactctt agtacatcat tgtgctgtga ggtgtcatta gccgccgttt 180  
aatttttctt ttgttttttag agacagtgtc ttgctctcac cccggcttaa gtacagtgc 240  
atgatcatag ctgactgcaa cctcaaactc ctgtactcaa gtgatcctcc tgtcttagtg 300

<210> 1323  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1323  
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gcacaaccaa cccctagaag ccgtggagtc agaccggcca ggtggggacc taggttttaa 180  
ctcgggttct ggctacacac gctgcgcctc catacagttt gtcccagggt tggcagcagg 240  
ccggctacct tcaggaatc tttgctttgg cttctgtctg ttctgtctg ttgggcaagt 300

<210> 1324  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1324  
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ggccgagtct ccgactgtct gtgctttcac ttacactcct cttgccaccc cccatccctg 120  
cttacttaga cctcagccgg cgccggaccc ggtaggggca gtctgggcag caggaaggaa 180  
gggcgcagcg tccccctcct cagaggaggc tctgggtggg gcctgtctcc catccccca 240

agccccacca gcactctcat tgctgctgtt gagttcagct ttaccagcc tcagtgtgga 300

<210> 1325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1325

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gacttgacaca	gtgcttttct	tagactgtgg	taaggggtgg	atgtgggggt	agtgccaaga	120
ccaagtgaaa	gaggcttctg	gacctccatc	cttgcttcag	ccagagcagc	gtgggttcat	180
ttcatttttg	gattttggtt	tgtgggaaga	aagggttctc	ttgccggtgt	gtgtgtttct	240
gataaaccaaa	gaagtgtgga	agtggctgaa	tgagatgacc	caaggactct	ttctgggaag	300

<210> 1326

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1326

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tggttgggtg	tggtggttca	cgctataat	cccagcaact	tggtgaggtg	ggagtttgag	120
accagcctga	ccagcatgga	gaaaccccg	ctctactaaa	aatacaaaat	tagccccgca	180
tggtggcaca	tgctgtaat	ccaggctacc	tggtgaggtg	agggcgggaga	attgcttgaa	240
ccccggaggc	agaggttgta	gtgagccgaa	atcatgccac	tgactccag	ccgggcaatg	300

<210> 1327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1327

cagctactcg	ggaggctgag	ggcacaagaa	ttgcttgaac	ccgggaggca	gaggttgcag	60
tgagccgaga	ttgtgccacc	gcactccagc	ctgaatgaca	gagcgagact	ccacctaaaa	120
aaagtaaaag	aaaaaaaaa	ggaagaatta	gcacatttct	attacagaat	tggacttgaa	180
catgcaaaat	catgtctgga	ttctctcagt	aaaagctgtt	ttacgttagt	ggactcttct	240
aacattttga	aatggtgatc	tggatttggg	atctggctat	cactgacca	ccttgggtct	300

<210> 1328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1328

ggcaaggagt	ttgaatttta	ttcaagaatt	ttattcaaga	attttattta	ttttattctt	60
gaattttatt	caagaataat	ggctagccat	tgaagagttt	aaagtaggga	aacagtgtct	120
tcttattcac	attttgcaaa	gttctccatg	ggctactatg	tgaataatca	gtccaagggg	180
gaggtgaag	tagaagttgg	gagactagtt	acaaagtcac	tgacgttttg	agattatggc	240
accttggact	gtaggtgata	gggatggaga	tgacgataag	tgaatatatc	cagaaaatat	300

<210> 1329

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1329

```

gtcagaatgg ggaaagtggc aggatgcagg caaacatggt cttaatttag agacacgatg      60
aaggctcagg acttttcctag gcagataaaa gaagaaagaa gctgcttttt gaaaagaggg      120
atcaagatta tgacaaaaag ggagattcag ccatcagcag aacccaaatg agagcctaca      180
aagagacact gtctactcag agtacatctt cagacatcca gggteccaag ctactgtgtt      240
tactgttagc ccttatccat tggtatgtct tactgcttta taactcttct ttaa          294

```

&lt;210&gt; 1330

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1330

```

gtggatacct ctagtgcatt ttataagcaa tatcggtttac aaaagggttac agagaagtat      60
ccagaattgc agaattttacc tcaagaactc tttgctgttg acccaactac cgtttcacaa      120
ggattgaaag atgaggttct ctacaagtgt agaaagtgcg ggcgatcatt atttcgaagt      180
tctagtattc tggatcaccg tgaagggaag ggacctatag cctttgcccc caagagaatg      240
acaccatctt ccatgcttac cacagggaag caagctcaat gtacatctta tttcattgaa      300

```

&lt;210&gt; 1331

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (298)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1331

```

actttcaaca tttcatggat agaataagta atgggtgggtt agaagaagga aaacctgggg      60
atctagttct tagctggggt ggacaatttt gaagctcgaa tgacaataaa taccagcttg      120
gaatgaactt ggaacaaaca tggatggaaa tctgggggtca agggaaaatg gcagtttcag      180
gggaatatac cagggttaata aatccnggaa aaactgnttg gtttgngggg gnctccacca      240
cttggaagtt gctgnaanna ttgatgnaaa gaactctgaa annaaaaggt gttgggca      298

```

&lt;210&gt; 1332

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1332

```

aggatatgtt gcactagttg ttccttgtga ctggaatatt ctctgcccc aaacttgaaag      60
gctagttagt tacttctcat cattcgggct taggttaagt gtttctctct tagagttctt      120
ccttgattta tcttcccccc agtctaaagt gccagtcaca ttaatctgtt ttatttctcc      180
atacagcact catcactgat tttttaaaaa tctatcttgc catctttctc tctcactgga      240
atattatgtg ctcatgaaga agctccttgg ctatcttctt cctgatctgc tgcgctgcat      300

```

&lt;210&gt; 1333

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1333

```

aaaaatttta tggacttcta tggatatttc ttgatgctta gagatttggt tttttaattg      60
caaagtgtgaa tagtctatctt acaaagtcta ttacatatgg agcggggcctg tgggtgatgg      120
cactattcct tggactaatg gtaccaggt tccattctct gctcagctcg gaggtcttag      180

```

acaaagcccc taaaatgctg tetgcttcag tctccttaat ggtgaagtgg aaatgaatac 240  
ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1334  
ggattttctcc tccttccgcg ctttctgcgt gacactggct gtcagctctg ggctgggctt 60  
tctggggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccaggggtg 120  
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgctttagt gcagtggagg 180  
ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttctt 240  
gtggttcgtg agcatggacc tgggtgcaggt gcagtggctc acgcctgtaa tcccagcact 300

<210> 1335  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1335  
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatctt gaacaatcat 60  
ggaaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120  
aaactaatga aatacctttt agaacagctg aaagaaaggt ttaaagacaa aaaacatctg 180  
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaacctt 240  
caagacagtc agtgggaccg caaagacctg ggctctgtct ttgataactg cgtgacatac 300

<210> 1336  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1336  
aaagcctaac tagttatgat aaatgtatcc gtaagtaaag taattaagcc agtttggggt 60  
tggcag gga attgtgccag acatctgtgg attttgctac ccagcagcat tcgctcttct 120  
cctggttgtg gggccccagc cctgttgcta ttacctggaa cttaaagggtta agatgatggt 180  
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240  
ggtgacccca tttgtactaa acctggttac ctggtttttc tttagtacat atgccagttt 300

<210> 1337  
<211> 292  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<222> (1)...(292)  
<223> n = A,T,C or G

<400> 1337  
ccctctttaa aatacaaaaa tcaaaaagag gaaaataagt taaattaagc ccaagtaaca 60  
aaaatactgg aattattaaa acgtatagta tgctagctat cctttttaa atgtgctaatt 120  
ctcttcttct gaaattatgg tcacactata tactatagca ttctgggttt atcctttgat 180  
aaaacttttc ttttttcttt ttttttttga aacagggctc nccccgctg nanaggetgn 240  
agngcagggg caaagnctcn actnantgca gccttgacct cnggnccca gg 292

<210> 1338  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1338  
 caaagtcata ccaaaaacttc acttaagagt cccatcccct actccagtgc ttatttcatt 60  
 atctagcaga atgtaccttt atttgattca ctattttacca ctgattaaag tggagcgtct 120  
 gtggagttat acgttacttt gtagactttt gtctagtga atacaaaaga caacccccaa 180  
 gggtataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240  
 atatagcaaa cttgcttcaa cataccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1339  
 gcatttggcc cattggccgc attctgctga cccatcacct tgggtgctttt tctgcttttt 60  
 ctctgttgtc ctctgtgtgt gtccctttgt cctgacctt gtcacctgtt ggggtccaaa 120  
 tggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180  
 ggaaaatgaa aaacaacttc ttcacacccg gaagcccagc aaacttctcc ttaaaaatca 240  
 ctgggtcaggg ctgggtgcag tggctcacac ttgtaatgcc agcactttgg gaggctgaga 300

<210> 1340  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1340  
 cccacacgag acctgcctca ggccatggga cagttgcaac agcagttaaa tggactgtca 60  
 gtcagtgaag gtcacatctt tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc 120  
 aaggagttta ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgtctg 180  
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240  
 gcgaggggtg cacagcggga aggggagtggt tggctctaca atactgtgac tctgagtaac 300

<210> 1341  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1341  
 ggccttccag atcgtgctgt cccacctacc tgcaccgccg aggccttcca gatcgtgctg 60  
 tccccacctac ctgcacatct gccacagctg gccctgggcc caccacacga agggcctggg 120  
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctcccag 180  
 aactacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240  
 ggggctgccc ctgtggaggg ggatcccgcc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1342  
 aactgaccta agcctcagtt tttcagatct gtagtactta ctttacatga ttgctctttg 60  
 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120

ccattaatat	gtgttatagt	agcatcatac	atthtgcagc	ataatccaga	gaacaaggag	180
ttgttaacaa	gggagaggaa	gataatctgg	ttgggctagt	attatactct	caggtgctac	240
tgacttctta	gatgaccttc	aagatgttag	tacaactctc	tacttgagga	tgctattttc	300

&lt;210&gt; 1343

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1343

atgttttggg	aaatagcttg	cgagaggtaa	gaaggattgc	aaagtttttc	caaaatattt	60
tatgaagtta	gtgaagtcag	ttgaaatgtg	tatttaaaca	tttgaaggga	tacagttaac	120
atthttttta	tgagaggaaa	ccattgtctg	tagttcagaa	ataagatgga	gtgttttact	180
tatttaaggg	gtaattttaa	aagtaaacia	aagcattggc	ctacaagaga	aaggtgatgt	240
tggtattata	gtgctttttc	taatcgtaa	tattaatcaa	caggtgagta	tattttccgt	300

&lt;210&gt; 1344

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1344

tcttgactga	ggttcccatc	tttcttagtt	ctcttaagga	tgtgctattc	tattctagat	60
gcataggagg	gaagttaatc	cagtcttaga	tcagcagggc	tgagttcttt	ctcagaacca	120
tagttgaaaa	agcctaaata	gaatttttag	aaagttctat	ttagaaagaa	actaagaatt	180
atgattaagt	tttggcctaa	gcaacttaat	aggcagtggg	atcattttatt	gagaagcaaa	240
tcagataaga	agcagggttat	ggggccttgg	aggaggtaag	ggcagaaagt	tggttattct	300

&lt;210&gt; 1345

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1345

ccgatttaca	gattgaagcg	gtaaattagt	ggttttatgg	tattttctgta	aacaggggata	60
aagtggaccc	tgacaaattc	aatattgtct	gaagagacaa	tctattctgg	ttctgttgga	120
cttcagggtta	tttttctttt	tttgtaaaat	gaaaactaca	aagaaacctg	actttttcaat	180
tttttataca	tgtaattttc	tagaaatcta	ggaagtcatt	tacacatcct	tatataccat	240
gaggggcaaa	agtaagcttt	cttcctccca	aagcaaaact	cttttttcctt	aaggagctgg	300

&lt;210&gt; 1346

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1346

ctgaaatgtc	aaacacggcc	acctaggcag	catttacaag	caagagtcca	ctgctttttt	60
gatgtatata	ttaagcgccc	ccagtgaatg	aacagcatat	aactccacat	aaaaatcatt	120
aaatgtaatt	gacttccaga	gcaggcagtt	ctgttgtagt	cctctggaga	aggctggctg	180
aattggaatt	gggtctgtac	ttctgcctat	catgtacatg	aggtttttgg	gcaaagagaa	240
ctttccacaa	aataagtcca	aaaattatag	atcatcagac	aaccaataac	atattgatga	300

&lt;210&gt; 1347

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens



&lt;400&gt; 1347

```

cttgctcacc ctcatttggg aaactgctac gttaaatgtt tcaggatatgt ctgattgacc      60
tgtcctgctt ccgagaaaatt gatgagctaa taaaaaagga aaccaaaggc aaaggttctt      120
tggaagtact caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc      180
agtctcttca cctctaaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct      240
gtgggtctgcc aaatacttgc tcaaactatt tgacattttc tatctttgtg ttaacagtgg      300

```

&lt;210&gt; 1348

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1348

```

gggatccctc cctccacccg cccccagcc ccgggacccc gagtgccact ccagcctcac      60
cccctgccag tgccactcct agccagcgcc agtgcggtct cgcagccacc agcaccaacg      120
actccttcga gatacggcgg gccccaaagc cagttatgga gaccatcccc ttgggggacc      180
tccaggcccg ggcgctggcg agcctccgcg caaactctcg aaattctttc atgggtcatcc      240
ccaagagcaa ggccctccggg gctcctcctc ctgagggggag gcagtcggtg gagctgccaa      300

```

&lt;210&gt; 1349

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1349

```

aagaattgna cgactcttat tgatgagtgc aaaatTTTTT tatagatttg aaagtcacta      60
ctaatacatga ctagctgatt ataataattg agagtaaact tttaaaatta ttaaatatcc      120
tgtgaaagtt ggagcacagt aaccattaac cctaaatttg atactatgtc catatgaatt      180
cagatcataa tagtgctcta tcatgtgaaa ctactaaagg atgtatagag ttaaatatta      240
cgtatccact ttaatgaaga ataggtatta cacagtaatg gttgttttaa aaaatTTTTT      300

```

&lt;210&gt; 1350

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1350

```

gccctgtgtt aatccagggt agaacaggta gtacccaaat tagggcatgg tagcagggat      60
gcagaggaaa gaagaggagt aggaactatt tgggaggtag tattactagg attttagctt      120
tgaagggttg agagaaatgt caagcctaac tacaagcaag gtttctagta tcagtaactt      180
catatcattt gaaatacana nattagcaat caatgtatan ancntnctgg gctaancnta      240
gcatgaante tgacttcant gtagcattga ggagggtcct ggcctcagat actgcaccag      300

```

&lt;210&gt; 1351

&lt;211&gt; 300

&lt;212&gt; DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1351

agatactgta	tatttgaaca	agattttttt	ttatcatttc	tatagtcttg	gagttcattt	60
gtaaggcagt	gtcttgactt	ggaaaggatg	tgtaaatggg	gtgactttgt	agcatgggat	120
gttgctctga	gttaactgta	gtgggtgggg	aggtccaatg	ccctccgcaa	tgcccttcac	180
ctcctgtgtt	gtcctgtacc	ctgctcagct	ccatcctggg	gttcagggaa	ggcacacttc	240
ccagcccagc	tgtgttttat	gtanccgana	tanagnngng	tcgattcaa	nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

gctattccga	atagccccag	gtgatccagc	tcacaccaac	gtagcaatgg	aagtcagcac	60
ctctgtctgg	ccaaggccat	gttccccag	cctgtggctg	cgctctctgt	gtctctccgg	120
gtctcacctg	ggcgggaggc	tcctctggag	gccaggacct	gccttgtag	gggtgccctg	180
tgggagaggc	gcttgcccaa	acctgtctgt	ccccgggggc	tccttggtgg	ccccaggac	240
tggagctctc	tgccagagtg	ccctcccca	gaggtagga	ctcccatgac	cctgtccct	300

<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1353

gctgagtatt	tttttcaagt	gtatcatttg	cctgttaact	taaaattcta	ttttccccct	60
aattctatgt	cccagttttg	gttagtgtgc	tctgggattt	ttgaccatt	ccatagtaat	120
agttattact	actaccacta	cagtaaattc	ttacaagaac	tttccatgtt	ttttgggagg	180
aggaggagga	gtagttacat	tcaggatcat	atacataatt	gtttagcttc	agttctgtat	240
ttatatatgt	cacttgtaac	tgactgggat	acgttctgag	aaatacattc	tcaggtaatt	300

<210> 1354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1354

acatggacaa	cagtggcagt	ctcaacgctc	aggtcattca	ccagctgggc	cccgggtctca	60
gggtccaagat	ggccatccag	acccagcagt	cgaagtttgt	gaactggcag	gtggacgggg	120
agtatcgggg	ctctgacttc	acagcagccg	tcacctggg	gaaccagac	gtcctcgtgg	180
gttcaggaat	cctcgtagcc	cactacctcc	agagcatcac	gccttgcttg	gccttgggtg	240
gagagctggt	ctaccaccgg	cggcctggag	aggagggcac	tgtcatgtct	ctagctggga	300

<210> 1355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1355

```

gattccgagt gtttactaag cctgttgacc ctgatgaggt tcctgattat gtcactgtaa      60
taaagcaacc aatggacctt tcatctgtaa tcagtataat tgatctacac aagtatctga      120
ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc      180
cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg      240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc      300

```

```

<210> 1356
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

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```

<400> 1356
ggcatctgga ctaatagtga acgagtggaa tagtgtgaaa ctgcatgcta cagctatgaa      60
tacacgtatt caggaaagac cccaatgatg cntganaact tctactttgg ctncctaang      120
ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna      180
tntggacana ttgantttct ctgaggtgga tcttgatng ctctagaaac tangcatent      240
caccatgtgc tgaataanag tgnntcggt gtaatngccg cgcacgtatg nnnacatttg      300

```

```

<210> 1357
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1357
ccataagtga cttgcaaagg gcctccccc a taggaaggcc tcagcaaatt ttcagtgaac      60
tcaagttcat tgatttccaa tttgtgaaat aaactagagg gcctctctga actacctgcc      120
tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga      180
cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac      240
gttgccattg cctcctaga ctgttctctg caagctttct atttactgga ggctggaata      300

```

```

<210> 1358
<211> 86
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (86)
<223> n = A,T,C or G

```

```

<400> 1358
ccattgtgaa gggttatgcc cctgagagcg tgctggagcg caactggtgc acagagaang      60
tggacgtgnc nggggacggg gggact                                         86

```

```

<210> 1359
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1359
ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga      60

```

ttgttcatct	ttaggtcttc	aattacaacc	tgcacatcca	tccctcttat	cctctttctt	120
actctgtttt	tctccatagc	acttatcatc	caataatatg	tcatgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tggtacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcattctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

&lt;210&gt; 1360

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1360

gctgcttcat	taaactcttc	ttgagtgagg	ggaatgagga	ttgtcctaata	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtcctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcggggc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tcgccttggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagaccc	gggcctggca	gcctgtcaca	300

&lt;210&gt; 1361

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1361

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aaatctgggt	tatgaaaaca	gaaatcaaac	caagttacta	accaacctcc	ccgtcccttc	180
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&lt;210&gt; 1362

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1362

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&lt;210&gt; 1363

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1363

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tgatgggggg	gcggtgttgg	cacccttaac	ccgtgcactg	ttgaagggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggacca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca	300

&lt;210&gt; 1364

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1364

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agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccg	240
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&lt;210&gt; 1365

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1365

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acaaagtatt	cttcagtttc	tacttccctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaatga	taaacagtaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgctatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

&lt;210&gt; 1366

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1366

tagttttaaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
tattgagagt	tggtgatcaa	attgtacatt	agctagaaa	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaacaaa	attttgttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagtg	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

&lt;210&gt; 1367

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1367

gctgggctag	cagaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgctgagact	60
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atgtcccgtc	tttctgaggt	ctggtgattt	tgtaattagt	aaacgaagg	tgcatctctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtaaaa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtatagg	acagtttaag	ttacttaaga	atcgtcagca	300

&lt;210&gt; 1368

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
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ttcagtcocat	ctcttaagaa	accaagtcaa	tcttcccttc	aggaaaaaga	aaagaagtag	240
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 <213> Homo sapiens

<400> 1369  
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 catttcaatt cccaaaggcc ccacctccta atattatcac agtgataatt ggggttttcaa 180  
 cacatgaatt tgagagaaac acattcagtt cctagcatta gcttgcttat atttatttca 240  
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<210> 1370  
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 <212> DNA  
 <213> Homo sapiens

<400> 1370  
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 attacctgtt aaatttagta tagtatagta tactaaaaca gtatgtttac aaaattgaac 180  
 tcactgtgca gatattacag gttttattca tgtaacacta tagagtgtct attgtcacat 240  
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<210> 1371  
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 <212> DNA  
 <213> Homo sapiens

<400> 1371  
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 actactaatg taaaatagta ggctatatgt tgggatgtgt atagctatgt cttcaagact 180  
 aatactcaga gaatcaaatt gtagattgta cctatctgtg agcctatttc tttagccagt 240  
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<210> 1372  
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 <212> DNA  
 <213> Homo sapiens

<400> 1372  
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 ttgagaaata ccaagaagcc caagaagaaa tcatgaaatt aaaagacaca ctaaaaagtc 180  
 agatgacaca ggaagccagt gatgaagctg aggacatgaa agaagccatg aataggatga 240  
 tagatgaact caataaacag gtgagcgagc tgtcacagct gtacaaagaa gccagggctg 300

<210> 1373  
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 <212> DNA  
 <213> Homo sapiens

<400> 1373  
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 ggaaatgaaa agttcatatt gctctgttat tgagaatatg aataaggaga aagcattttt 120

gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

&lt;210&gt; 1374

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1374

gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgagggtgga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagtgaagcta	tgatggcact	actgcacttt	agcctgggtg	acagagtggag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atthagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtaggtctgg	actcactctc	300

&lt;210&gt; 1375

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1375

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actgccgaga	aacaggcctc	atttctccca	tgttcccgtc	cccgtcccg	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	cctttagact	180
ctgcccagag	gctctgggct	ggatactgta	tttggtgcga	ccctctgggg	catttttgca	240
agttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacia	300

&lt;210&gt; 1376

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1376

caagcagggtg	gccctgcaga	gccagttcaa	tacctacagg	ctcacccctgc	aggacacaga	60
ggatgccctc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgcaggccat	120
ccgccaagcc	atccaggggc	agctggagct	caggaggaag	acggatgctg	ccatccggga	180
gaagctgcag	gagcacatga	cctccaacaa	gaccacaaa	tacttcaacc	agctcatcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

&lt;210&gt; 1377

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1377

agaggaggag	gaagaggagg	aaaatgggga	ttctgtagtc	cagaataata	acacttccca	60
gatgtctcat	aagaagggtg	ccccaggcaa	tcttagaacc	ggacaacagg	tggaaacaaa	120
gtcacagcca	cactccctgg	ccacagagac	cagaaaccca	ggaggacagg	aaatgaacag	180
aacggagctg	aacaagttca	gccacgtgga	ttctccaaat	tcggaatgca	agggtgagga	240
cgcgaccgat	gaccagtttg	aaagcccca	gaaaaagttt	aaattcaa	tcctaagaa	300

&lt;210&gt; 1378

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1378

ggctccatcat	cttttagcatc	cttctcgtct	ttgactatgc	tgagctcatg	ggcctcaaac	60
aggtatacta	ccatgtgctg	gggctgggag	agcctctggc	cctgaagtct	ccccgggctc	120
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&lt;210&gt; 1379

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1379

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taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttctt	120
ggatatgaca	ttaaaaacta	acttgaaaat	tgttaggata	tttccttggt	cctacttttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
tttatcttgc	caaggaatta	tcttcttagt	agcctatatt	ggcttattcc	aaaaaaggcg	300

&lt;210&gt; 1380

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1380

gccatttatt	cttttatatt	tgattggctc	agtgattttc	tttacttaaa	tgtagcattt	60
atcaaccaca	actagcagtg	catgttatag	tgttaacaga	aaattccaca	ggacctcttt	120
cacactaggg	aaggggacca	tctgctactt	tcatattagg	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcatcaaggc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

&lt;210&gt; 1381

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1381

atcacgcccc	gctaattttt	tgtatttttt	agtagagatg	ggatttcacc	gtgttggcca	60
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cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc	300

&lt;210&gt; 1382

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1382

caggggggtca	gctctggtaa	aaggcttggg	aagaaggagg	ctgagagtaa	cagccaacat	60
aagggttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga	120
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&lt;210&gt; 1383



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 gtccctgact catcttctct tctgttgccc tttaaacagg tgagcaccta gccttggtgg 180  
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<210> 1384  
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 <212> DNA  
 <213> Homo sapiens

<400> 1384  
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 tgggaggtgg gaggaagaa attgcaaattg gtgttttgcc attgtttatt agaaaatttc 180  
 agcttaatcc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240  
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<210> 1385  
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 <212> DNA  
 <213> Homo sapiens

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 nanntttncn nttttcnntt tncctnagna ntttntnnn tgtttttntn nttntntnnt 240  
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<210> 1386  
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 <212> DNA  
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<400> 1386  
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 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaaac 180  
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240  
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<210> 1387  
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 <212> DNA  
 <213> Homo sapiens

&lt;400&gt; 1387

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agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagagggc	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaagga	gtgatcagag	300

&lt;210&gt; 1388

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1388

gccccaatgcc	ggaattcaaa	acctggcaag	aaaaagaatg	atthttgaaca	aggcgaatta	60
tattttgagag	aaaagtthtga	aaattcaatt	gaatccctaa	gattattthaa	aaatgatcct	120
ttgtttcttca	aacctggtag	tcagtthttg	tattcaactt	ttggctatac	cctactggca	180
gccatagtag	agagagcttc	aggatgtaaa	tattttggact	atatgcagaa	aatattccat	240
gacttggata	tgctgacgac	tgtgcaggaa	gaaaacgagc	cagtgattta	caatagagca	300

&lt;210&gt; 1389

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1389

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gataaaaagt	aatgatgggt	acatctgaat	ataagttaga	tcatgacact	cactcctttt	180
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&lt;210&gt; 1390

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1390

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&lt;210&gt; 1391

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1391

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aaatgataag	tcatatatgg	ccggtgagtt	tttcttccaa	agactgggtcc	acactagagg	120
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agaaaattat	ttttagtctt	ttggtgtaaa	gacacagtc	tgagttgttt	tcacttactg	240
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&lt;210&gt; 1392

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 <212> DNA  
 <213> Homo sapiens

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 tacacactaa aaaccaaata tgtgatctcc agcatcacag aaatgaaata aggatttttt 180  
 ttttaacttag gtaattattgc ttgaactgta gtaattcaaa tgtagcaatt tcaaaggtag 240  
 aatttcccat gtattactat actgcttcac atcagctcta ttaataaaaag tagaacagtt 300

<210> 1393  
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 <212> DNA  
 <213> Homo sapiens

<400> 1393  
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 aattgagagg agaaaggcat ttccagtttc tttagttaat aaaaagaagc catttctgga 120  
 ggagttttat gcctgtacca gcagagggtc agctttccag gaatctcacc atgatccata 180  
 ctgctgacac aggcctttgt cacctgaagc attcttaaaa taaggagact gacattaaac 240  
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<210> 1394  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1394  
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 aggagaatcg cttgaaccgg ggagacggag gttgcagtaa gccgagattg tgccattgca 180  
 ctccagcctg ggcaacaaga gcaaaactct gtctcagaaa atatatatat atccctaaaa 240  
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 <211> 300  
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 <213> Homo sapiens

<400> 1395  
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 gcaattacct agatcagaga taatgatagc tgtgactagg aggacagtgg ggaagtgaca 240  
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 <213> Homo sapiens

<400> 1396  
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ctgctggatg gaaagcgcat gacactctgt ggtatcaaca gaccaggaaa gtgctgagga 240  
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<212> DNA  
<213> Homo sapiens

<400> 1397  
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gattatccac acaggcccc gcccctgcc gggtggagt tgccacagcc tgtgtcctg 180  
gtccacacgt ggagggggca gcaggctgcc gtcccaccac acgtggcctc tgcgcccagc 240  
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<210> 1398  
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<212> DNA  
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<400> 1398  
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cctcagtgtc ttagcctccc aaagcagggg cacagactct gttagttatt gatactgctt 180  
gttcgtactg aagagtatca aaaggtgggg agaacattga aaaccaaagc atcctgagta 240  
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<212> DNA  
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<400> 1399  
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ccttgatacc aaaaataagg ttttggggca taacatcctt atgaattcaa atgttagtca 180  
tttcacatat cttccacttt atttcattaa gtccttccta gtagacactg ttcaaacatt 240  
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gcataatttt	aaaagataat	gttgccaaac	tttggaatg	ctaattgtca	gactgaaaat	300

&lt;210&gt; 1402

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1402

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gataaagcaa	gattggaaaa	tcaagaaggc	attgatttca	taaaggcaac	aaaagtacta	180
atggaaaaaa	attcaatgga	tattatgaaa	ataagagagt	atttccagaa	gtatggatat	240
agtccacgtg	tcaagaaaaa	ttcagtacac	gagcaagaag	ccattaactc	tgacccagag	300

&lt;210&gt; 1403

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1403

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gctgtttttt	ttttttaatt	gcaacngctt	ttntgcccng	cctntnttcc	ctacccaaaa	180
gngatgagtt	ctgancaaga	caanactgtc	atattgtaaa	nactttggta	tgngatncca	240
tanaatactg	atnggatagc	catcctagtc	acttaccaat	actgactaaa	agttaactct	300

&lt;210&gt; 1404

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1404

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atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt	240
aattcctgca	gagcgccctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt	300

&lt;210&gt; 1405

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1405

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&lt;210&gt; 1406

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1406

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&lt;210&gt; 1407

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1407

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cacatattat	aatgaggaag	cacttcttgg	gaggcatcat	aatgcttggt	ttttcttttc	180
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&lt;210&gt; 1408

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1408

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ccaccgcct	cggcctccca	aagtgtctgg	attacaggcg	tgagccaccg	cgcccgccg	120
aaagccaact	cttatgccta	gaaatatgtg	cacctatgac	caagcccatg	aattatacag	180
gaattatgta	attatgagtg	atgtacttca	aagttattgc	acatacactt	gtttactttg	240
tatgtttgca	ggattaaact	ttgtataatc	tttttacaaa	attttttttt	cagtatgcaa	300

&lt;210&gt; 1409

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1409

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catgcaactg	atgtttgttt	tttaaagggt	aagatgtctg	ctcccaatgg	gtgatgccat	180
ctgactgggt	tcccatgtc	ctccattca	cccctctctg	ctcccaccct	tgccctgcctc	240
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 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180  
 tgcagggggc agcatttgaa aaatagaaat gttctgatga agaattctgaa ctgaagaagc 240  
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<210> 1411  
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 <213> Homo sapiens

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 tgctgctcct ggcagatttt aaagtctctc cagcctgatt cctctctctg tttgggtctc 180  
 tggcatgggt cctgctggag agtagatact tgataattat ctattgggtt ctgaggggat 240  
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 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180  
 acaaaaaagc ctcatatata gggatattat aatatgggtat gttaaaagggt gataagtgca 240  
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 ctaaaatatt ggtattatgc ccaatccaaa tttcaaaaac gtgattctaa gtgaaagaag 180  
 gcagatgcc cagaccaggt attttctagt accatttttag gaaatgtcca aaaatggcag 240  
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gatacagcat	gttagcaaat	aagtatatag	tgtggaaagg	tctgtagtca	atagcagtca	240
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<210> 1415  
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aattaaaatt	tgaacatatt	ataaaaaatga	aagataattg	taaaatcttg	gtttggagag	240
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acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
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tctatcccat	ataacactct	tttttatctt	cctgaacca	tattgatgat	ataaatagg	180
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tgaaagaata	gtatgtaagc	tggaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
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aaataaaaaa gaaaaatatt gcacaggcag aatggggagg tcccagtgat ggagctgate	240
ttggttcatt gaggcagggg tggcattaat catgtaaaac acaggaggag gaactgggtt	300

&lt;210&gt; 1420

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1420

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aagatttaac acagtgtctt ttttctctt tgaaatattt tactttaata ccagtgcctt	180
ttcttggtga acttcttgga aaagccacca attctagatc ttgatttgaa ttaatacaca	240
caatatctga gacacttaca cttttcaaaa gatttggtga tgcattgcct aattagagta	300

&lt;210&gt; 1421

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1421

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aaaaaacaca tgaaaaaatg ctcatcatca ctggccatca gagaaatgca aatcaaaacc	180
acaatgagat accatctcac accagttaga atggcaatca tagagctttt catatatctg	240
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&lt;210&gt; 1422

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1422

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ctgaggcctc cttccagagt aaggccaatg cagttagctta tttccaagcc ttgcaaagta	180
tataatatct aagaggaaag gttttgtcat cccagcgttg tccactttgt ggggctttgt	240
aggtagacgg agccacacta caggcagggg atgagcagag ggatgtatgg agtgtgggtg	300

&lt;210&gt; 1423

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1423

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tttgatttta ttattgagta agtgaatgaa gctattttta aataacgtta gaagaaagcc	180
aagctgctgc tgttacctgc agaactaaca aacctgtta ctttgtagag atatgtaaat	240
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 cagtctcaat gctgcttctt taggggtgaa cttctcttga cctacattc ttagagagata 180  
 cccccattc gccattctct cttttgtggc ctgggtttca cttgttaacta agtcattatc 240  
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<210> 1430  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1430  
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 gtgggaatgc cgtggtgaat gagagactag acgtgatgcc tctggggggt gtgcgttggg 120  
 gatgcatgag acagcccatg acccgaggca ttctcagggg atctgtgctg tgtgcccgtg 180  
 agaacatctt cccatgacca ctctgcccct cctgcccctg gctggatctt cctcctccag 240  
 ctgggatctg ctcccaggca actgtgtgaa ttttacatta tttggagcct catctgtgtc 300

<210> 1431  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1431  
 gggtattgat cattgcacag ggctggtggc aagtttggtg tgcaagggtt ggatagtgcc 60  
 tggttttcac tagggttttc tgaaaaccag cagaaacagg gggcctgaag gttgttagag 120  
 taatgagctt gcagccaaca tatttttagct ctatcaaaaa atgcctgtta gtgctcacgg 180  
 gcatgtactg cgagagagat cttgaatgca tcactttggt atcctaagaa gtgtaatttt 240  
 tttccctcgt catactgggc tgtgttttaga cctcgtataa tacataatga atagaaacag 300

<210> 1432  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1432  
 agtttccatt tagtttgatt ttaaaagctg ccttttgaat atctaatacc aattataaaa 60  
 taaatatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttggttg 120  
 gttttataaa ttaaatgaac atttatgcgg tcggttattt ttacgtaaaa atagttgtta 180  
 tattctaggg taacagaaat ttagaaacct atttttctgt agaagaaagg tgttgctatc 240  
 tgcttttgat ttctcagata ttgtcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1433  
 cagccttggt gacagagcga gaccctgtct ctaaaaaata aataaataaa atattgtgag 60  
 tctctgatgg ggagcagtat tgcattggtg ttagaactg aggcctctgat gttagaactg 120  
 gattctgact taacccactg tttgccca tcttgagcct tggtttccct atctgtaaaa 180  
 tggcagtatt ctggggtg ctgaggaaaag gaaatgaggc caggcgcggt ggctcaggcc 240  
 tgaatocca gcactttggc aggcctgagc atgtggatga tttgaggcca cgagtttgag 300

<210> 1434  
 <211> 139  
 <212> DNA  
 <213> Homo sapiens

<400> 1434  
 gtggagctca cctatttggga atatggggca tttgtttttt ccactgcaat gatttcagtc 60  
 tggtttcctc atgttggat tcgatcacac ctttttcaaa caatgttaac atagtccagc 120  
 tttgttccg tttagggga 139

<210> 1435  
 <211> 239  
 <212> DNA  
 <213> Homo sapiens

<400> 1435  
 cacactccag gctgagaaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60  
 tgggggtgtg tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120  
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180  
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatggg gaggtgtgg 239

<210> 1436  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1436  
 ccttgaggca catcacagtt tgaaggacct gtttaagttg aaatagactt tgcttattta 60  
 ttgggattct aaaaaattct gaggagttt gcagtatgag aggaataaag atttctctct 120  
 ccttctctc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat 180  
 tttgtttttg agatggagtc tcaactcttc acccaggctg gaggcagtg gtgcaatctc 240  
 agctcactgc aacctctgcc tcctgggttc aagtgattct cctgcctcgg cctcctgagt 300

<210> 1437  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (300)  
 <223> n = A, T, C or G

<400> 1437  
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 gggcaggaat taatatctcc attttacaac tgaaactgaa aattagagga ctccaatgaa 120  
 tgaaaaatct gaggagctta tctaccaag tggcagatta gttcatgatt ccttattaag 180  
 tgataggact tgccaaacac caggaatctg gggaagaagt gtactcaaag aagtatgctt 240  
 ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt 300

<210> 1438  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1438  
 gcagaagcca attccttgtg aaaagctgac tgccatcagt aatctcaata gaaaagagat 60  
 atgttttctg gaggcataaa ggaattcaat tcttaggggt tttgtttttg tttttgagat 120  
 gtaatatgtc tctgttgccc aggctggagt gcagtggtat gatctcacct tactgcaacc 180  
 accacttcct gggttcaagc gattctcctg cctcagcctc cccagtagct gggattacag 240  
 gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggtttctcca 300

<210> 1439  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1439  
 ggggcagtca ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60  
 ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata taaaagtagt 120  
 tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180  
 caaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca 240  
 tctggaaatt taacttctgt ggaatacctc ttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1440  
 aagatgtttg attcttcaga taacttttga aatgtgctat aaagggccta gtttaaaagg 60  
 aacttctttt gaaaagcaat taacagttga taaaggggta aataaaaatt atctagtagt 120  
 gaatttctta ttggaatgta aacgtgggtc taattttaaa tagacagtga tataaagaat 180  
 aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgtt agtaaaaaaa 240  
 ggatgctttt ttcagtgatg tctttttttg agtgcataat tgtgtgactc ttgaagaaat 300

<210> 1441  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1441  
 atccaatatt tattgagtgt ctattaggtg ccaagcacct taataggtcc tatggatttg 60  
 aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc 120  
 agttgcagta caatgtaaca ctgagtgtg tctgtgtatg atgctgagga gggagggttag 180  
 cctgagccgg ggaagcggag cttgcaatga tggagatcg cgccactgca ctctagcctg 240  
 ggcaacagaa caagccctg tcttaaaaac aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (297)

&lt;223&gt; n = A, T, C or G

&lt;400&gt; 1442

ttttgcnaaa	aaaaaaaaatg	aagaccatga	gtgaacagtt	gtttcctaac	ccatggctat	60
ttagaatctt	ttgccaaaga	atgacaatga	tgcaaaaatg	ggaacagttt	ggattttaat	120
tagaactggt	taggagtgat	gatgtgtaaa	aagttgactt	ctcttttgca	tggcacagag	180
aaattatatt	ccttacttca	tgtcagttta	tgttctaaat	ctttttcact	gaatataaaa	240
atcttggtta	atgccattag	gcaccaactt	aaagaggggt	gtaaaaatat	taaaagt	297

&lt;210&gt; 1443

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1443

actgaactaa	tatcaatttt	aaataatatt	gctattcagc	ttcaaaagac	agagcctcca	60
gcatattatt	attattatag	taatctgatt	ctttagaatt	cagagaactc	acctcattag	120
tgtcccttg	ctctatctgg	ccctgtggga	aaataccctt	gcatctttct	atgggtatgg	180
tccactgtat	cccatcatga	ctttaacatt	tttgaagtat	tggctcttta	aagtaagcaa	240
acaaattccc	ttgttacatc	aaattcaaat	acagtaatgc	attacaggac	aaattaaagg	300

&lt;210&gt; 1444

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1444

gcctgtcgtc	ccagctactt	gggaggacaa	gtcatgagaa	tgcctgaac	ccaggaggca	60
gaggttacag	tgagctgaga	tgcaccact	gcacttcagc	ctgggtgaca	gagcaagact	120
ccatctcaaa	aaataaataa	ataaaataaa	ataaaatata	aagtttgctc	cattgttgac	180
ccattgctgc	tgataaaagt	gtatactgga	atgcatgtaa	accatatatt	taaaatgtat	240
aggctgggca	cagtggctca	cgctgtcat	cccagcattt	tgggagacca	aggcaggtgg	300

&lt;210&gt; 1445

&lt;211&gt; 161

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1445

gtgtgttctg	tgggaggggtg	tctgtgggga	tgtgactatc	aggggtgggcc	tgtgctgggg	60
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatggggg	gtttgaggcg	120
tatgggtggc	tgttggtgtg	gggaggcatc	tgtgtatggc	t		161

&lt;210&gt; 1446

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1446

taaataagtt	gatattaatg	atataagcat	cacacaattt	tacattaaga	aatactgtgc	60
aggccatgcg	tgggtggctca	ggcctgtaat	cccagcactt	tgggaggccg	aggtgggcag	120
atcaccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggg	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcactcca	300

&lt;210&gt; 1447

<211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 1447  
 ggcaactcacc gctcctctccc tgggtacacag gcttctgtgg ggcacaccaag cccctcctgt 60  
 gccccctccc atccatagtg catgggtgtgt ggtgccccca gggctccagg acagatcagg 120  
 cccaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa 180  
 acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240  
 aaaaaaaaaa a 251

<210> 1448  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1448  
 ctggaattag tggcttgctg ataatctcat tttataattt gttcagcaat ccagcaagac 60  
 caacttttta aaaaaattaa taacagtagt tttatgaaaa ctaagtaaga aaacagtttc 120  
 cacctatttc tgaggtctcc tttagaagga gtaacagaca gcttttattt ctcttaaagt 180  
 tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag 240  
 tgatcaagta aatgatagcg ggggctaaac ttttttagta aacttgtgaa gattacatac 300

<210> 1449  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1449  
 atgactgagt gtatacccta gttaaaatga tcaggggaga cttaactgaa aggggtaatt 60  
 gagctagatt tgaaggatga ggagtagcag actagtcaaa gaaagggaga gaagaacata 120  
 cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtgga aagagaaagg 180  
 actagcagag ttacagggtta gagaaacagg taaaggctac tatggacggc ataatagttg 240  
 catcccatgt tttgtctctt aagaacagtt gcaaactatt gaaggtttta aagctgtgtg 300

<210> 1450  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1450  
 attgtcttgt gttatggtgc ttcagcattg gattcagcag ccagcttctt agtacgaagg 60  
 caacgattac ctccacaggg tcccttccat tgtcctcctg catcattttc ctccaacttg 120  
 aataaatggt ctacccacct ttctccttta tttctcttac cccctgtacc ccgctccctc 180  
 tcacaattaa ctctacagca gaatgtgaat tctctgattt tagaataact attttatggt 240  
 aacttcaaat atatcctagt tgtatccaca ttcagcttgg gtaggtacct tcatagtagc 300

<210> 1451  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1451  
 caaagacaag cctttatgga aaaggaaatg cgctcccttc catgttcagg gatgagggga 60  
 gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtggctccg 120  
 tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttctc 180

```

cccagcagcc cttggtgagc taggaattga gatccctgtt tgtgaaagag ggaactgagg      240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc      300

```

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<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1452
aaaacacatg cacacatggt tattgcagca aaccaccatg gcacatgtat acctatgtaa      60
caaacgtaca cattctgtac atgtatccca gaacttcaag ttaaagaaaa aaagaaaaat      120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttggttaga      180
taaattctat tataaaaagg cctagctagt agtattaaat ttgttggttg tgtaatttat      240
gtacaacaaa attcacccat tttaggtata cagtttgaat gctttttggt aattatataa      300

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<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1453
tgagtactta tgaaaaattg tgagaaattc attgtgtggg attttcacca ttactacatg      60
tatttggaat taaaaattgt atgactatgt atatgaaact tgttcatgtt ctaaaaaata      120
cctccattt ataatatgtt tttaaaattt gccactgaga agtataaatt tccttcttat      180
ttcatcttag ttatcaaccc agagtcaact gaggcgaatgc agtgtagtgg ttaagcgtgc      240
agattctgaa gttagacaag atttgggttg gaatcctgac tctgccactt actagctggg      300

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<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1454
acctaatatt tgagaacagc aagccctatt tgaccactct cttcagcctg tgtgttcctg      60
ctgttttgaa gtaatcaaat gctgtgcatg gtattttacc tgagctgcaa cctgttatgg      120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaa      180
acaaaaagca aacaaaaaaa aactgcaaaa gtctaaaata cccattgggtg atgtttttta      240
aaaaaatctt gctttcagct ttcaggaggt aatattcttt gttttaattt gataattgga      300

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<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

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<400> 1455
ccagcctgtg caacacagca agaccccgct tctacaaaaa cttaaaaaat tagctggctg      60
tggtgttgct caccatagat tccagctact cggaagctg aggcagtaag atcacttgag      120
cccaggaggg cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac      180
agagaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg      240
gtttttgaaa atttgagttg cataaaaagga nnnnnnnnnn caaggnttct acaaggnngn      300

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<210> 1456  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1456  
 ctggggtcatg aaataacaga ttaaaaatgt tctctggtaa aagaattaaa catttctgta 60  
 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120  
 tgagtggagc agtgataaaa gaggttaagg ttttgaggga aaaaaatact atgtcaaata 180  
 ggggggtgaat gataaaaatc gctctcattt tccttttttt cacctttcat cttcatttat 240  
 ggaatttcta tacaataaat atgtttggca tttaataaca gtgcctctcc cccggaatac 300

<210> 1457  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1457  
 acgaaatagt gacatgcact tattagattt ggaatctatg ggcaaaagtt cagatggaaa 60  
 gtcgtatgtt attacgggga gctggaatcc aaaatcccca cattttcaag ttgtaaatga 120  
 agaaactcct aaagataaag tcctgtttat gaccacagct gtagatttgg taataacaga 180  
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240  
 aagattattc tggcccttca gcaaacgtag tactactgaa aatttctttt tgaaactaaa 300

<210> 1458  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1458  
 gattttcgaa actcttcagc tacttgcctt tttttatctg aaaccatcat accttctgaa 60  
 agaaaaaagc atatcttcat tgacataaca gaagtggat ggcccagtct tgatacagat 120  
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tggatcatgca 180  
 tacctctgcc tgcccagatc tcagcatgaa ttacagtag attttttgtg taaagttagc 240  
 cagaagtcag actcatctgc agtgttgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1459  
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60  
 gaggaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120  
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180  
 gaatcagaat agcatgggtc caggccagat tcacattgaa gtatttactc tatattttac 240  
 tgctgttaca ttcaaaatgt atcagaagtc tcatggttca attaataaag tgttattcgc 300

<210> 1460  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1460  
 tcattgtgta ataaaatggc agtttccaaa gatggatgtc tttagttttt aaatgacatg 60  
 ttgatttttt tcatgatatc tgcaaatatt tttgtctttt ttgacctcag aacaaatgta 120

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aagcattgat tggagcacac acaaaagtta ggaaatatgc tgcctggcaa ctgagtaaaa 180
gtaaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat 240
tcacaagctt tctgtctgta accgtaaaag atatcactat ctaaaaataa tatcagaatg 300

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<210> 1461
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1461
ctgggtctca ggcttttgaa ctcaaactgg aactacatca ctggcgctcc tgggtctccag 60
cttgcctgact gcagaccttg aaacttctcg ggctccatta acctctttta tatatagaga 120
gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct 180
ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat 240
ttttcaggtg aatatttggt ttttagcatc tgagtttcag tccaaacagg gaaggaaaga 300

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<210> 1462
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 1462
tgagacagag cagccccaga acacacaccg gggagtacag gagcctaggc cacgtaccca 60
acattgcagg cagagaaaaa agaaagtgta ttccatgtaa gcaaatgtta tttggacctt 120
tctctctgtc tgacctaatc atggctcaca gaaagtaatc atactcctaa taatacatca 180
acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcttggtcgc 240
tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat 300

```

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<210> 1463
<211> 300
<212> DNA
<213> Homo sapiens

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```

<400> 1463
caaaaacaag caaaacaaaa cattttaatt gttatgcata gtatatatgt gcatttttgt 60
taaattaaga cttataatct cataatgac atgatttccc ccaaagtctg atgatgacca 120
aatttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga 180
tgtttcttcc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcacaca 240
accagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc 300

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```

<210> 1464
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1464
agttgtatta ggatctttat gtgtggccaa ctcattaaat tttcagatta actcagaaat 60
attgttcctt tatattgcac atgaggaaac tgaggctcat atgttttttt cttctttatt 120
ttttattttt agagacaggg tctcgtttca ttgcctggc tgggtctcgaa tttctggtct 180
ctgggctcaa gcaatcctct cacctcagcc tcccagttac ttggaggatg aggtgggaga 240
attgcttgaa cctgggaggg ggaagttgca gtgagccgag attgtaccac tgcactccag 300

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<210> 1465
<211> 300
<212> DNA
<213> Homo sapiens

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&lt;400&gt; 1465

gtttactttg	ttgtctttgg	ccctttatgc	aatcagtgta	aaaggactag	ccgtttctgg	60
ccctacacta	aagcttattt	atatttaa	cagtgatcc	aaactttaaa	tgtataacat	120
catgttaatt	ttgtaacatc	aatgggtttc	tttaaaattt	caagatattt	atcttggtac	180
ttgtattgga	cagttctaa	aaatcttaga	gggataactg	tcttacctgt	tttttaaaaa	240
agatcagctt	gcaatcttct	gcttcaacca	tatctgtatt	agaatacagt	attattttcta	300

&lt;210&gt; 1466

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1466

gatcaatcca	agctcctaaa	catgggtatcc	acagtacagt	cctaaaaaca	ccatccccaa	60
cttgctgtaa	acccaaaatg	gcgggggctt	cccagatata	ctatgtctgt	gcctttgtac	120
cagctgggac	ctctgcctgc	aatgccatct	ccatctcttc	catcccttc	caggagacgc	180
tagcactcac	tctctcctcc	tctacatacc	atcattcctc	ctctgaaga	gctactctcc	240
ctaactcacg	tgtcacaaca	accacactgc	cattatcctc	ctcttcctct	tcacacgggt	300

&lt;210&gt; 1467

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1467

gacagctgag	gcccctggaa	ggcagatcca	actcctcctc	cagcgacacc	actggctcct	60
tcacagcttc	actccaagaa	acttctagac	cccccagggg	gtgtctcaag	tgaaagtctg	120
gccccacatc	taccccaag	gatggcactg	gctaggactg	cttcaggtct	cggttaacct	180
agggtcaaagt	gtccttgggc	gcaagtctga	gttaggtgc	agaaacacct	gctacctccc	240
ccaggttcac	actgacagct	gccggggcctg	ggtcaggcac	agccagtgtc	caccttcagt	300

&lt;210&gt; 1468

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1468

cctagttaaa	tcacaacaag	ttagtaatcc	ataaatgatg	tgtcctgttt	ctcttttagta	60
gaaattatat	ttttggctac	cagttaagaa	acttgtaact	ctttgtccct	tatgttacta	120
taaaactcaag	atgatgagtt	ttgtgggtatt	tgacttcata	ggcaaaatca	aaatttttac	180
tttgttgcta	ttctgtttta	tgaaataaac	ttctgtctat	gcatttgaac	taagtttcag	240
caaattcaat	ctaaattgaa	taattccagc	tcccagtttt	atcctatgtt	gtcataaaaa	300

&lt;210&gt; 1469

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1) ... (300)

&lt;223&gt; n = A,T,C or G

&lt;400&gt; 1469

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gtagattcgc	ttgtaccaat	tttgacata	aggaaacagc	cttagagagg	ttaggttgc	120

tgtgcaagcc	cagggtaggt	ggcaccagct	ctgccaatct	gcaacgcact	ggatattctcc	180
agccagtaga	ccttgctccc	tgggtgccc	gttctggatc	tcaggaaagg	cggattaagg	240
ctcctaattg	cgggacctgg	gtggggattt	gntgncctnt	ggtggcanaa	gggacatcac	300

&lt;210&gt; 1470

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1470

gaggattagc	catgctgggg	tctcttggac	aaaaggctgg	tactgattga	aaaattccct	60
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gtataatctt	tataagatta	aaaattatag	attatttggc	agcttgtttg	aaagtgttgg	180
tcccaagaaa	aagttctgct	gtgtgttatg	gcagaattat	taaaaaaaaat	acattcttaa	240
gttgagggtt	ctaagtaggc	ttttgtaaaa	acaggcaatt	acttgctgga	ggcagttaat	300

&lt;210&gt; 1471

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1471

attcgatttg	ggtcgcaatt	acacagacat	tgacgggcaa	ctggagcctc	ccagggactc	60
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tccttttctt	caggtctcaa	ggacgggatg	agcttgctct	ggaaagcttt	gagggagtct	180
cgtattttac	cttcatagca	aaagtgtgtt	ccccacttct	ctccaccatt	tcttatttct	240
tcttgacagt	tgttctggca	catctcttga	tcgattgtag	tattttcttt	ctttcttttt	300

&lt;210&gt; 1472

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1472

agttgctgtc	agtcttggtg	tggaaaggag	acgcattctat	gacattgtaa	atgtgctgga	60
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aatggcctac	ctccaacaga	aagagctgga	cctgatagat	tataaatttg	gagaacgtaa	240
aaaagatggt	gatccagatt	cccaggaaca	acagttactg	gatttctctg	aaccgcactg	300

&lt;210&gt; 1473

&lt;211&gt; 148

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1473

catccctgga	gcagcttcca	acactacttc	aggggtggcag	tgtttggggc	actgggagag	60
cctgcgggcc	tctagatggc	ctcatctctt	ccttccacaa	actgtctaga	accaataaaa	120
ggaaacctgc	caaaaaaaaa	aaaaaaaaa				148

&lt;210&gt; 1474

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1474

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tgctgttga acttgaacct aaaaggacca ttcaaagcct gaaagaaaaa acagaaaaag      60
taaaagatcc taagactgct gctgatgtgg tcagccctgg ggccaactct gttgatagca      120
gagtgc aaag accaaaagaa gagagttcag aagatgaaaa tgaagtgtct aatattttga      180
gaagtggtag atccaagcag ttctataatc aaactttatgg aagcaggaag tacaaaagtg      240
attgggggcta ttctggtagg ggtggatatc aacatgtgag aagtgaggag tcctggaaag      300

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&lt;210&gt; 1475

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1475

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ctgaggttgt tttcctgttg ttgttgttgt ttttccttga gaggagtgtc aagacgtggg      60
aggctgtggg caggggtcca cgggagaagg aggatgctgc atgtctggga cttgtgagga      120
ggaagcactg aagaaatcta tgtggcacac ggaggtgttt tcaggtgttg aaccataggg      180
aggtctacgt gatttcctca ttaggaggat tagagagggc agagtcagga aaccaataga      240
ggaggcctgg actaaatggg ggtagtggat atgtctgagg ctggggatca ggctctgggtg      300

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&lt;210&gt; 1476

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1476

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catcagtatg cttatggatt tgatgacagg catagcctgg gcatatcacc tcattggtaa      60
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accctggcta gactacactg gtacaatcac ggctcaatgt aggccttaacc tcctgggctc      180
aggtgtatgt cactatgcc ggctactttt tgtatttttt ggtagagacg gcttcgccac      240
gttgcccagg ctgcaagcga tatgcctagg ctcaagcgat ctgccacact caacttccgg      300

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&lt;210&gt; 1477

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1477

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ggaaaaataa catgttcact ttatgaaagg aagaaccagg aaaaataata gaaaataatg      60
aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtctt atcaagagtg      120
actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat      180
tacaatttgg ataaagcaaa acctgttatc aaatttaaaa actgtttaat aattcaacac      240
tccagtgggt tgccttgttt aagcaaaagg attctggcca agatatttta cttcagctct      300

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&lt;210&gt; 1478

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1478

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ctggaagggg cagagcccag gacagggctc catgtccaca ggacggcgag gagcgaagac      60
catgggggact gactacacag atgaagacac agaagcatag agaggataag taactactag      120
caagtggaa gaaacgggatt cagatccaga acaggctgac tccagagtc ctggctgtca      180
tgtagtttcc tcaactactg cctcagctct acaatcccag agtaaagctc ttctccaaat      240
gaagagccag gaagaggtag aggtggcagg aattaaactt tgtaaagcca tgtccctggg      300

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&lt;210&gt; 1479

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1479

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tactgatcta	tctgtgtcat	cgtcagtc	accacatata	ttaagacct	ggcacagAAC	180
aattctattt	ctataaaatt	ctagaaaatg	caaactaaac	cataatgaca	aaaagaatat	240
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&lt;210&gt; 1480

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1480

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tggttaaaac	aagccccaat	ccacacttga	tcttcttaag	ctaggaaaag	tgagctcaca	120
ctgagtgtg	gcaggatgct	ccatgtgcat	cattattttg	tttaattctc	acaataactc	180
tctaaatccc	ttttgaggat	aaggagactg	gggctgggag	aagttatttc	aaggagtaaa	240
taaaaaatc	agaccactt	gggttttatg	ccaaaggctc	tgtttttaca	aatacacaa	300

&lt;210&gt; 1481

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1481

aattcggcag	ctccctcaaa	gaaaggagaa	ctaggaaaat	gttttcgcca	tctcccaaag	60
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aatcaatgcc	atagatgagt	tatatattcc	aaatttacac	tacttatgta	ggtgtagtaa	180
cctccaaatc	aataaaatt	tataaaattg	gcccaggact	ggtgaaacct	agagtcctgt	240
cagaagcaaa	tacaaagcag	ccctttaaca	acagttttaa	atttagggcc	ttcaagacc	300

&lt;210&gt; 1482

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1482

ctgtagtctt	attttgccat	atgacatgat	tgaaatcaac	acctcttaga	aatagttttg	60
ctgcctcata	attgattacc	atcatgataa	cctgtagtca	gtgtgaaata	gagataaaaa	120
ttaatgtact	tagttaaatt	catatgaagg	tctaattctg	ttccagagtt	actcttactg	180
gattattttt	agatttttat	taacattact	ggtctctaac	ttactcagt	ctggataaga	240
aaaagaatac	catgcaattg	ttaactattt	gatgtttact	agattaacta	ttaatatatt	300

&lt;210&gt; 1483

&lt;211&gt; 300

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1483

aatgtgtatg	cggggctggt	gggaacagcc	cgggtgagcg	gggtggatcc	ctggtgtgag	60
cctggcttcc	tgtctgtctc	aaggggcgtg	gaacaggacg	gactcaggtc	caaatccctg	120
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agtctgtctg	ggaggcaggg	ctcaggcacc	cctggcctct	tgggggtggg	tgagagggag	240

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<210> 1484  
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<212> DNA  
<213> Homo sapiens  
  
<220>  
<221> misc\_feature  
<222> (1)...(297)  
<223> n = A,T,C or G

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cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg 180  
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<210> 1485  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1485  
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<210> 1486  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1486  
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ctggcagccg ggagcttatt ttagtcaaca caaactgtaa ataccatacc atagtattgt 180  
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<210> 1487  
<211> 300  
<212> DNA  
<213> Homo sapiens

<400> 1487  
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tctttacttt agctgctagt aagggtgaaa caacgatggg gcccaaattt aacagttagg 180  
tgacatcttc ttctacgtgt gctaagatta cccgacttc actttaccct tatttcccac 240  
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<210> 1488

<211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1488

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aagtggatat	ctactcagac	agtaagaatt	ataagagctg	taagagctca	ttttggagga		180
ataatggatg	aaccatctcc	cttggcccaa	ccctctggagc	tgaaccagca	ctctcgattc		240
ataatagggtt	ctgtgtctga	agataactca	caggatgaga	tcagcaacct	ggtgaagttg		300

<210> 1489  
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 <212> DNA  
 <213> Homo sapiens

<400> 1489

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acgtgctttt	caacatgcct	tcagcactaa	tgactgctcc	aggaatgtct	acattaagaa	180
gaatggcttt	actttacatc	gaaaccccat	tgctcagagc	actgatgggtg	caaggaccaa	240
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<210> 1490  
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 <212> DNA  
 <213> Homo sapiens

<400> 1490

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<210> 1491  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1491

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tgaggccatg	tcagtgccac	cccaggggcg	ccctccatgg	cagtgtgggg	ccaacaagcc	180
tgtcttccca	tttttctgag	agaggctgga	aatcctgttc	tttttatata	taaagtgttt	240
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<210> 1492  
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 <212> DNA  
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<400> 1492

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aaccctgagg	tcctatatgt	ggaaccataa	ggtaaagtgc	tttgggctct	gaatctcaca	180
cagggtctac	tgagaataag	aaacatcctt	cttgggcttt	gtatgaataa	gaaaatacta	240
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<210> 1493  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (298)  
 <223> n = A,T,C or G

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 agagaactac tgcacttgac cacaaactga taaataacttg gtactgcccc atctcactgt 180  
 tctgtttact ttgtctttaa tatctctttt ttttttccca ggcagctagt acacnactga 240  
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<210> 1494  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1494  
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 caagcaggaa agacaactga agaacagcca ggctggtcct gaattcctga cctcaggtga 180  
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<210> 1495  
 <211> 196  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <222> (1) ... (196)  
 <223> n = A,T,C or G

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 agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann agggncnctn 180  
 tnnngccccn agggggg 196

<210> 1496  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1496  
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<210> 1497  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1497  
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 tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120  
 aatcggttta gtggtttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180  
 taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240  
 ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtcttttctt 300

<210> 1498  
 <211> 119  
 <212> DNA  
 <213> Homo sapiens

<400> 1498  
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 aattagtgc atagtaacat ctgtagcagc tgggttagtaa acctcatgtg ggggaggtg 119

<210> 1499  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1499  
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 aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttagaggagt 180  
 cttccagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240  
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<210> 1500  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1500  
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<210> 1501  
 <211> 300  
 <212> DNA  
 <213> Homo sapiens

<400> 1501  
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 aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180  
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